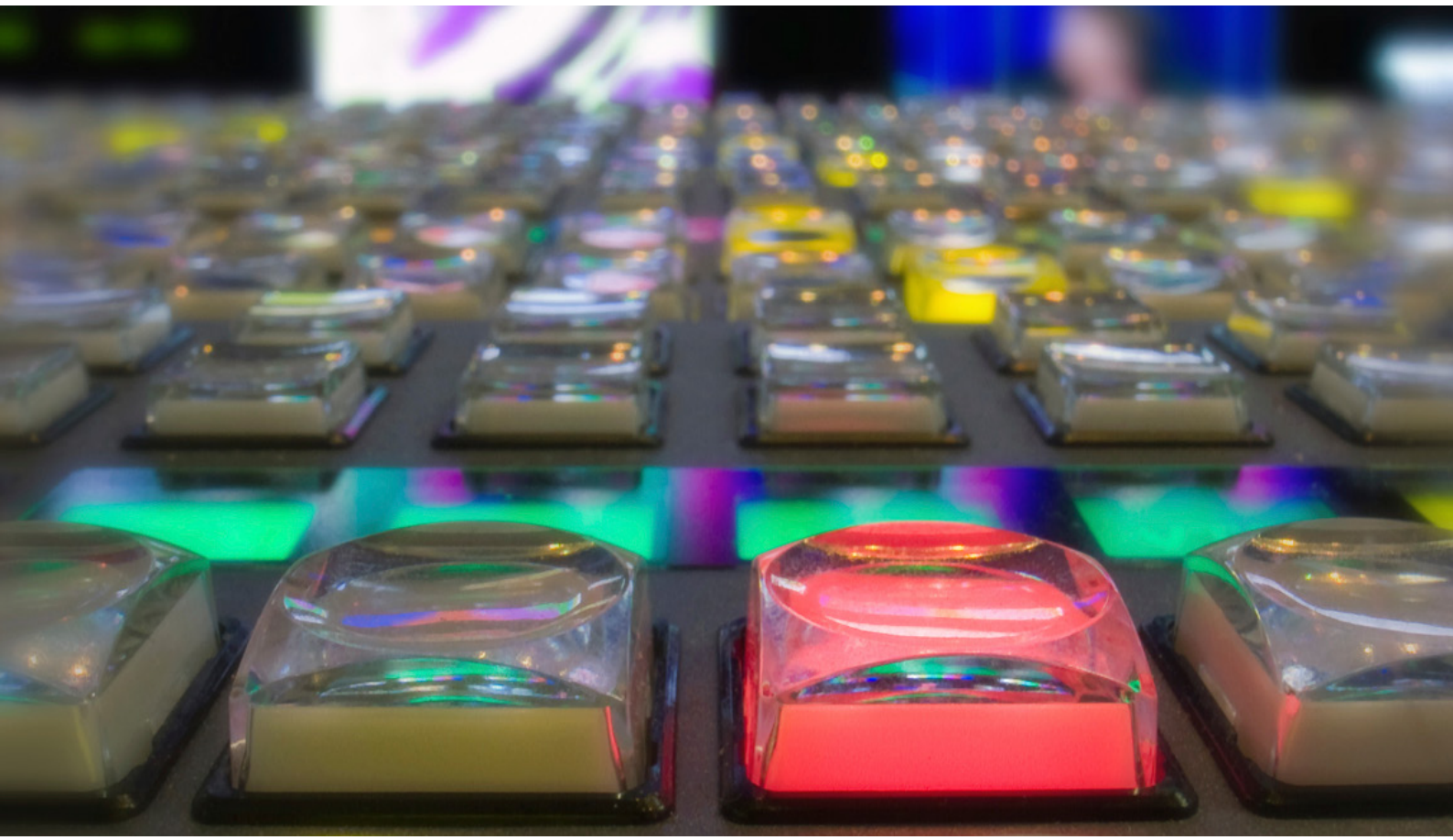
COMMSCOPE®

Broadcast and Entertainment Products

Broadcast Connectors



2016 PRODUCT CATALOG | 3RD EDITION

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Coax Connectors

ProAx® Triaxial Camera Connectors

Broadcast Connectors
Coax Connectors

The CommScope line of connectors was designed to simplify installation while providing the ultimate in performance. The CommScope BNC, F and RCA connectors share common crimp dimensions which eliminates the need to have different tools on site. In addition the connectors also use the same strip dimensions which to reduce installation time when multiple connector types are required.

Types of Connectors

- BNC
  - Straight BNC Plugs
  - Right Angle Plugs
  - Bulkhead Jacks
- F Connectors
- RCA
- LCC Connectors

CommScope Designation	Cable Outer Jacket Diameter				Center Conduit Outside Diameter				Cable Dielectric Outside Diameter			
	Inches Range		MM Range		Inches Range		MM Range		Inches Range		MM Range	
	Lower	Upper	Lower	Upper	Lower	Upper	Lower	Upper	Lower	Upper	Lower	Upper
1	0.235	0.245	5.97	6.22	0.030	0.033	0.76	0.83	0.140	0.150	3.56	3.81
2	0.220	0.242	5.59	6.15	0.022	0.025	0.56	0.62	0.140	0.150	3.56	3.81
3	0.127	0.127	3.23	3.23	0.015	0.018	0.38	0.44	0.077	0.102	1.96	2.59
3TMX	0.158	0.178	4.01	4.52	0.016	0.019	0.41	0.48	0.102	0.106	2.59	2.69
4	0.305	0.305	7.75	7.75	0.030	0.033	0.76	0.83	0.185	0.198	4.70	5.03
5	0.270	0.281	6.86	7.14	0.030	0.033	0.76	0.83	.0144	0.164	3.66	4.17
6	0.199	0.212	5.05	5.38	0.030	0.033	0.76	0.83	0.135	0.140	3.43	3.56
7	0.155	0.178	3.94	4.52	0.019	0.022	0.48	0.55	0.095	1.102	2.41	2.59
8	0.275	0.288	6.99	7.32	0.038	0.040	0.97	1.02	0.180	0.185	4.57	4.70
9	0.275	0.305	6.99	7.75	0.038	0.040	0.97	1.02	0.180	0.198	4.57	5.03
10	0.234	0.257	5.94	6.53	0.038	0.040	0.97	1.02	0.180	0.187	4.57	4.75
11	0.265	0.330	6.73	8.38	0.022	0.025	0.56	0.62	0.142	0.164	3.61	4.17
12	0.150	0.178	3.81	4.52	0.017	0.019	0.43	0.47	0.099	0.102	2.51	2.59
13	0.146	0.178	3.71	4.52	0.019	0.022	0.48	0.55	0.090	1.102	2.29	2.59
14	0.142	0.187	3.61	4.75	0.012	0.013	0.30	0.33	0.068	0.085	1.73	2.16
15	0.193	0.232	4.90	5.89	0.019	0.022	0.48	0.55	0.122	0.259	3.10	6.58
16	0.103	0.110	2.62	2.79	0.015	0.018	0.38	0.44	0.060	0.070	1.52	1.78
17	0.271	0.271	6.88	6.88	0.030	0.033	0.76	0.83	0.185	0.198	4.70	5.03
19	0.125	0.171	3.18	4.34	0.019	0.022	0.48	0.55	0.078	0.102	1.98	2.59
20	0.249	0.288	6.32	7.32	0.038	0.040	0.97	1.02	0.182	0.187	4.62	4.75
21	0.193	0.232	4.90	5.89	0.030	0.033	0.76	0.83	0.122	0.102	3.10	2.59
22	0.149	0.178	3.78	4.52	0.017	0.019	.043	0.47	0.098	0.102	2.49	2.59
24	0.348	0.380	8.84	9.65	0.064	0.065	1.63	1.65	0.280	0.300	7.11	7.62
25	0.400	0.412	10.16	10.46	0.064	0.065	1.63	1.65	0.280	0.300	7.11	7.62
26	0.177	0.187	4.50	4.75	0.024	0.030	0.61	0.76	0.110	0.128	2.79	3.25
27	0.310	0.326	7.78	8.28	0.051	0.053	1.30	1.35	0.225	0.244	5.72	6.20
28	0.077	0.132	1.96	3.35	0.018	0.022	0.46	0.56	0.120	0.102	3.05	2.59
29	0.292	0.308	7.41	7.83	0.040	0.042	0.97	1.07	0.180	0.207	4.57	5.26
31	0.100	0.134	2.54	3.40	0.0122	0.016	0.31	0.41	0.056	0.068	1.41	1.73
32	0.102	0.134	2.59	3.40	0010	0.017	0.25	0.43	0.045	0.068	1.14	1.73

CommScope's true 75 Ω BNC connectors are the most reliable and universally accepted method of terminating coaxial cable in the market today. Outstanding electrical performance is achieved by unique design elements in the industry's truest 75 Ω connector. Precision-molded insulators with locking gold-plated center conductors ensure true 75 Ω characteristic impedance. Innovative features result in significant reduction of impedance mismatch throughout the network and improved transmission reliability in digital applications.

An idea whose time has come, the new notched BNC series from CommScope makes it easy to spot BNC connectors that are not properly latched to BNC jacks. This is especially helpful with high-density coax panels such as CommScope's midsize video product offering where terminations are very tight, and in the back of dark racks.

Features

- Designed to exceed the rigorous demands of today's telecom, CATV and broadcast environments including SMPTE 424M 1080p, 259, 274, and 292M standards
- Outstanding electrical performance beyond 3 GHz
- Gold-plated, locking center conductor
- True 75Ω characteristic impedance end-to-end
- .625" crimp sleeve for greater pulloff force
- Compatible with hex, square, and 12-point crimp tools and select competitive crimp tools and die sets
- 100 percent guided mating
- Tarnish-resistant, nickel-plated body and machine bayonet
- Sizes for multiple cable type
- Meets or exceeds MIL-C-39012 requirements
- 100% North American/European precision components
- Strip lengths common between sizes and types (except for Belden 7731/CommScope 7530, RG11 Cable)

Ordering Information

Description	Connector Crimp Areas				Catalog Number		
	Hex Flats Distance		Center Pin				
Cable Numbers	Inch	mm	Inch	mm	Crimp Die	Single	Bulk (100)
734A/D, 734AP,9259, 1505A, 1505F, 9100, 9165, VPM2000, CD7559F, FM59, RCCH, 9167, M8023, LV61, 8241F, Image720	0.255	6.48	.042	1.07	WD-1, WD-2, WD-3, WD-5	BNC-1-N	BNC-1B-N
RG59, RG59B/U, 9209, 8279, 8241, 9244	0.255	6.48	.042	1.07	WD-1, WD-2, WD-3, WD-5	BNC-2-N	BNC-2B-N
735A, NT735	0.178	4.52	.042	1.07	WD-2	BNC-3-N	BNC-3B-N
CECBV-75-2	0.197	5.00	.040	1.07	WD-3	BNC-3TMX	-
728, 8281, 8281B, 8281F, VP618PE, VP618PE, VP618M, CV752, CAMPLEX 1	0.324	8.23	.042	1.07	WD-1	BNC-4-N	BNC-4B-N
1187A, HEC-2, F-HEC59, F59SSEF	0.324	8.23	.042	1.07	WD-1	BNC-5-N	BNC-5B-N
1506A, 1824A, VPM2000TS, VPM2000TK, CD7559P	0.255	6.48	.042	1.07	WD-1, WD-2, WD-3, WD-5	BNC-6-N	BNC-6B-N
8218, 7538, 0222, CV75SM, RCC	0.178	4.52	.042	1.07	WD-2	BNC-7	-
1694A, 9248, 9058, VSD2001, VSD2001TS, CD7506, 1.0/4.8, M8024, Image1000, 1189AP, 9116P	0.278	7.06	.042	1.07	WD-4, WD-5	BNC-8-N	BNC-8B-N
1189A	0.324	8.23	.042	1.07	WD-1	BNC-9-N	-
1695A, CD7506, VSD2001TS	0.255	6.48	.042	1.07	WD-1, WD-2, WD-3, WD-5	BNC-10-N	BNC-10B-N
9268, S-HEC 89, 6605, PSF1/3	0.324	8.23	.042	1.07	WD-1	BNC-11	-
1865, 8218, 7537, RGB250	0.178	4.52	.042	1.07	WD-2	BNC-12-N	-
1855A, RGBSC250, VDM250, VDM230, CD7523 (3,4,5) M8025	0.178	4.52	.042	1.07	WD-2	BNC-13-N	BNC-13B-N
BT3002, T2C75024	0.178	4.52	.042	1.07	WD-2	BNC-14	-
8216, 9239, 83269, RGBSC260TS, VPM260, 1282P, 1277	0.178	4.52	0.42	1.07	WD-2	BNC-16-N	BNC-16B-N
88281, VP618TK, CV752-PLEN	0.324	8.23	.042	1.07	WD-1	BNC-17-N	BNC-17B-N
V45466-D1-B					WD-2	BNC-18	-
LL79301	0.178	4.52	.042	1.07	WD-2	BNC-19-N	-
8228, 82120, H126D02	0.278	7.06	.042	1.07	WD-4	BNC-20-N	BNC-20B
8219, RG58	0.255	6.48	0.42	1.07	WD-1, WD-2, WD-3, WD-5	BNC-21-N	-
1167A, 1418B RGB	0.178	4.52	.042	1.07	WD-2	BNC-22	-
7732A	0.384	9.75	.068	1.73	WD-6	BNC-24	-
7731A, 5906, VHD1100, 89292, Image2000, PR611C4, L7CFB	0.384	9.75	.068	1.73	WD-6	BNC-25-N	BNC-25B-N
0.6/2.8, SDV-25, 3CFB, Image360	0.197	5.00	.042	1.73	WD-3	BNC-26-N	BNC-26B-N
7530, VHD7000, 7855A	0.278	7.06	.042	1.07	WD-1	BNC-27	-
LL92833	0.178	4.52	.042	1.07	WD-2	BNC-28	-
5740, 5741, L-5CFB	0.324	8.23	.042	1.07	WD-1	BNC-29	-
SFYZ-75-2-1, PD-847	0.178	4.52	.042	1.07	WD-2	BNC-30	-
DT179, 1522A; 1808A	0.178	4.52	.042	1.07	WD-2	BNC-31-N	BNC-31B-N
Condumex Mini 75 Cable	0.178	4.52	.042	1.07	WD-2	BNC-32	-
Draka 1.0/4.8 AF	0.197	5.00	.042	1.07	WD-3	BNC-33-N	BNC-33B-N

Features

- Right angle design alleviates stress associated with bending cable
- Provides increased density and Improves overall cable management
- Bulk packaging available
- Center conductor pins and crimp sleeves are fully interchangeable with CommScope's straight plugs for same cable type

Ordering Information

Cable Numbers	Connector Crimp Areas				Catalog Number		
	Hex Flats Distance		Center Pin		Crimp Die	Single	Bulk (100)
	Inch	mm	Inch	mm			
Right Angle BNC Plug Connectors							
734A/D, 734AP,9259, 1505A, 1505F, 9100, 9165, VPM2000, CV752, FM59, RCCH, 9167, M8023, LV61, 8241F, Image720	0.255	6.48	.042	1.07	WD-1, WD-2, WD-3, WD-5	BNC-RA-1	BNC-RA-1-B
RG59, RG59B/U, 9209, 8279, 8241, 9244	0.255	6.48	.042	1.07	WD-1, WD-2, WD-3, WD-5	BNC-RA-2	BNC-RA-2-B
735, NT735	0.178	4.52	.042	1.07	WD-2	BNC-RA-3	BNC-RA-3-B
8281B, 8281F, VP618PE, VP618M	0.324	8.23	.042	1.07	WD-1	BNC-RA-4	BNC-RA-4-B
8218, 1855A, 7538	0.178	4.52	.042	1.07	WD-2	BNC-RA-7	BNC-RA-7-B
1694A, 9248, 9058, VSD2001, VSD2001TS, RG6SD, 1.0/4.8, M8024, Image1000, 1189AP, 9116P	0.278	7.06	.042	1.07	WD-4 WD-5	BNC-RA-8	BNC-RA-8-B

Straight/Right Angle BNC Connectors

Electrical

Characteristic Impedance: 75 Ω
Voltage Rating: 1000 Volts RMS
Insertion Loss: < 0.6 dB 1 MHz to 1 GHz (measured with 1 meter of 728 cable)
Return Loss: Better than 35 dB to 1 GHz; 30 dB to 2 GHz; 26 dB to 3 GHz
Contact Resistance: .030 Ω maximum change post environmental
Insulation Resistance: 200 MΩ minimum change

Mechanical

Mechanical Durability: 500 cycles minimum
Center Contact Retention: 6 lbs. min
Coupling Mechanism: 100 lbs. min
Cable Pulloff Force: Dependent on cable size
Cable Bend and Twist: 500 cycles min
Force to Engage/Disengage: Torque 2.5 in/lb max; longitudinal force 3 lbs. max
Interface Dimension: MIL-C-39012 except 75 Ω

Environmental

Thermal Shock: -40° C to 65° C operating; -55° C to 85° C, non-operating
Moisture Resistance: 0% to 95%; MIL-STD-202 Method 106
Corrosion (Salt Spray): MIL-STD-202 Method 101, Test Condition B
Flammability: UL 94-VO rated (center conductor insulator)
Vibration: MIL-STD-202 Method 201
Solvent Resistance: MIL-STD-202 Method 215

Finish

Body/Bayonet: Tarnish-resistant electroless nickel plating
Center Conductor: 50 millionths inch gold plating MIL-G-45204 Type 1, Grade C, Class 1; requires .042" crimp station die

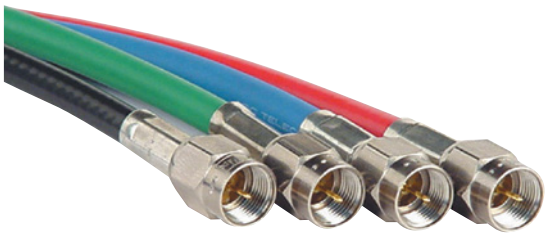
Features

- Easier, more reliable termination; gold-plated locking center conductor ensures proper alignment during termination
- 100 percent guided mating
- Exclusive closed-entry contact prevents center conductor damage from non-standard BNCs or test probes
- Eliminates one termination point when used as a bulkhead connector

Ordering Information

Cable Numbers	Connector Crimp Areas				Crimp Die	Catalog Number
	Hex Flats Distance		Center Pin			
	Inch	mm	Inch	mm		
Bulkhead Jack Connectors						
734A/D, 734AP,9259, 1505A, 1505F, 9100, 9165, VPM2000, CV752, FM59, RCCH, 9167, M8023, LV61, 8241F, Image720	0.255	6.48	.042	1.07	WD-1, WD-2, WD-3, WD-5	BNC-BHJ-1
CECBV-75-2	0.197	5.00	0.04	1.07	WD-3	BNC-BHJ-3TMX
1694A, 9248, 9058, VSD2001, VSD2001TS, RG6SD, 1.0/4.8, M8024, Image1000, 1189AP, 9116P	0.278	7.06	.042	1.07	WD-4 WD-5	BNC-BHJ-8
1865, 1855A, RGBSC250	0.178	4.52	.042	1.07	WD-2	BNC-BHJ-13
8216, 9239, 83269, RGBSC260TS, VPM260, 1282P, 1277	0.178	4.52	.042	1.07	WD-2	BNC-BHJ-16

CommScope's high-performance F connectors are designed for demanding digital applications where a high-quality, high-performance F connector is required. These connectors provide superior return loss (-30 dB to 3 GHz) and are the perfect choice for use in digital headends, satellite down links, and high-performance customer premises applications.



Features

- All-crimp two-piece design goes together the same as a BNC
- Combines the superior electrical performance of a BNC with the superior RF performance of an F connector
- True 75 Ω design for performance up to 3 GHz
- Crimp-on center pin provides outstanding connection rather than relying on the copper center conductor of the cable
- Gold-plated locking center pin just like a BNC connector
- Diamond-knurled crimp hub and long .500" crimp sleeve provides higher pull-off force than typical F connector types
- Long 3/8" wrench flats make connector threading easier
- Precision machined parts for greater unit to unit consistency
- Exclusive molded center conductor insulator provides a truer impedance match over PVC and Teflon types
- Same strip and crimp dimensions as our standard BNC plugs, common tooling
- Cable sizes for RG59, RG187, and RG6 available
- Termination plugs in 1% and precision 0.1% available

F Connectors

Electrical

Characteristic Impedance:	75 Ω
Voltage Rating:	1000 Volts RMS
Insertion Loss:	< 0.6 dB 1 MHz to 1 GHz (measured with 1 meter of 728 cable)
Return Loss:	Better than 35 dB to 1 GHz; 30 dB to 2 GHz; 26 dB to 3 GHz
Contact Resistance:	.030 Ω maximum change post environmental
Insulation Resistance:	200 MΩ minimum change

Mechanical

Mechanical Durability:	500 cycles minimum
Center Contact Retention:	6 lbs. min
Coupling Mechanism:	80 lbs. min
Cable Pulloff Force:	Dependent on cable size
Cable Bend and Twist:	500 cycles min
Coupling Nut Proof Torque:	Torque 20 in/lb min
Interface Dimension:	See interface detail below

Environmental

Thermal Shock:	-40° C to 35° C operating; -55° C to 85° C, non-operating
Moisture Resistance:	0% to 95%; MIL-STD-202 Method 106
Corrosion (Salt Spray):	MIL-STD-202 Method 101, Test Condition B
Flammability:	UL 94-VO rated (center conductor insulator)
Vibration:	MIL-STD-202 Method 201
Solvent Resistance:	MIL-STD-202 Method 215

Finish

Body:	Tarnish-resistant electroless nickel plating
Center Conductor:	50 millionths inch gold plating MIL-G-45204 Type 1, Grade C, Class 1; requires .042" crimp station die

Ordering Information

Description						Catalog Number	
Cable Numbers	Connector Crimp Areas				Crimp Die	Single	Bulk (100)
	Hex Flats Distance		Center Pin				
	Inch	mm	Inch	mm			
F Connectors							
734A/D, 734AP,9259, 1505A, 1505F, 9100, 9165, VPM2000, CV752, CD7559F, RCCH, 9167, M8023, LV61, 8241F, Image720	0.255	6.48	.042	1.07	WD-1, WD-2, WD-3, WD-5	CF-1	CF-1B
1187A, HEC-2, F-HEC59	0.324	8.23	.042	1.07	WD-1	CF-5	-
1694A, 9248, 9058, VSD2001, VSD2001TS, CD7506, 1.0/4.8, M8024, Image1000, 1189AP, 9116P	0.324	8.23	.042	1.07	WD-1	CF-8	CF-8B
1189A	0.324	8.23	.042	1.07	WD-1	CF-9	-
1855A, RGBS250, VDM250, VDM230, CD7523, M8025	0.178	4.52	.042	1.07	WD-2	CF-13	CF-13B
5740, 5741, L-5CFB	0.324	8.23	.042	1.07	WD-1	CF-29	-
DT179, 1522A; 1808A	0.178	4.52	.042	1.07	WD-2	CF-31	-

The venerable RCA connector is still the universally accepted method of terminating coaxial cable for audio and video signals in prosumer-type products such as video decks, DVDs, video projectors and HD monitors. CommScope's precision RCA connectors are designed for demanding professional environments, offering a performance-driven product with outstanding mechanical and electrical characteristics, as well as easy BNC-type assembly.

Features

- Outstanding electrical performance up to 2 GHz
- 50 microinch gold-plated, locking internal center conductor crimps to cable
- Exclusive closed-entry center pin contact RCA pin/receptacle
- Nominal 75 Ω characteristic impedance end-to-end
- Easy preparation and installation; installs the same as a standard BNC with BNC tooling
- Compatible with hex, square, and 12-point crimp tools and select competitive crimp tool and die sets
- Tarnish-resistant, nickel-plated body; 50 microinch gold-plated center pin, or all gold-plated version (shown)
- Cable sizes for RG59, RG187 and RG6 available; uses same tooling
- Meets or exceeds MIL-STD-202F requirements

RCA Connectors

Electrical

Characteristic Impedance:	75 Ω
Voltage Rating:	1000 Volts RMS
Insertion Loss:	< 0.6 dB 1 MHz to 1 GHz (measured with 1 meter of 728 cable)
Return Loss:	Better than 26 dB up to MHz
Contact Resistance:	.030 Ω maximum change post environmental
Insulation Resistance:	200 MΩ minimum change

Mechanical

Mechanical Durability:	500 cycles minimum
Center Contact Retention:	6 lbs. min
Cable Pulloff Force:	Dependent on cable size
Cable Bend and Twist:	500 cycles min
Force to Engage/Disengage:	Longitudinal force 3 lbs. typical
Interface Dimension:	See interface detail below

Environmental

Thermal Shock:	-40° C to 35° C operating; -55° C to 85° C, non-operating
Moisture Resistance:	0% to 95%; MIL-STD-202 Method 106
Corrosion (Salt Spray):	MIL-STD-202 Method 101, Test Condition B
Flammability:	UL 94-VO rated (center conductor insulator)
Vibration:	MIL-STD-202 Method 201
Solvent Resistance:	MIL-STD-202 Method 215

Finish

Body:	Tarnish-resistant electroless nickel plating
Center Conductor:	50 millionths inch gold plating MIL-G-45204 Type 1, Grade C, Class 1; requires .042" crimp station die

Ordering Information

Description	Connector Crimp Areas				Crimp Die	Catalog Number	
Cable Numbers	Hex Flats Distance		CenterPin			Single	Bulk (100)
	in	mm	in	mm			
RCA Connectors							
734A/D, 734AP,9259, 1505A, 1505F, 9100, 9165, VPM2000, CD7559F, FM59, RCCH, 9167, M8023, LV61, 8241F, Image720	0.255	6.48	.042	1.07	WD-1, WD-2, WD-3, WD-5	CRCA-1	CRCA-1B
RG59, RG59B/U, 9209, 8279, 8241, 9244	0.255	6.48	.042	1.07	WD-1, WD-2, WD-3, WD-5	CRCA-2	-
728, 8281, 8281B, 8281F, VP618PE, VP618PE, VP618M, CV752, CAMPLEX 1	0.324	8.23	.042	1.07	WD-1	CRCA-4	-
1187A, HEC-2, F-HEC59	0.324	8.23	.042	1.07	WD-1	CRCA-5	-
1694A, 9248, 9058, VSD2001, VSD2001TS, CD7506, 1.0/4.8, M8024, Image1000, 1189AP, 9116P	0.324	8.32	.042	1.07	WD-1	CRCA-8	CRCA-8B
1855A, RGBS250, VDM250, VDM230, CD7523, M8025	0.178	4.52	.042	1.07	WD-2	CRCA-13	CRCA-13B
8216, 9239, 83269, RGBSC260TS	0.178	4.52	.042	1.07	WD-2	CRCA-16	-

BNC Terminations Plugs

Electrical

Characteristic Impedance: 75 Ω

Termination Resistance: BNC-TP-2, 75 Ω + 0.1% (resistor value); BNC-TP-1, 75 Ω + 1.0% (resistor value)

Return Loss: BNC-TP-2, better than -29 dB return loss to 3.0 GHz; BNC-TP-1, better than -16 dB return loss to 2.0 GHz

Mechanical

Mechanical Durability: 500 cycles minimum

Coupling Mechanism: 100 lbs. min

Mechanical Shock: MIL-STD-202, Method 213

Interface Dimension: MIL-C-39012 except 75 Ω

Environmental

Thermal Shock: -40° C to 65° C -55° C to 85° C, non-operating;

Moisture Resistance: 0% to 95% relative humidity, tested to MIL-STD-202 Method 106

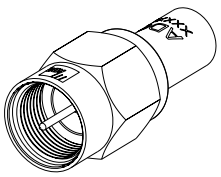
Corrosion (Salt Spray): MIL-STD-202 Method 101, Test Condition B

Vibration: MIL-STD-202 Method 201

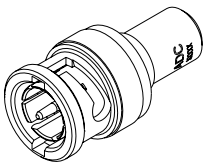
Finish

Body/Bayonet: Tarnish resistant electroless nickel plating

Center Conductor: 50 millionth inch gold plating MIL-C-45204 Type 1, Grade C, Class 1



Precision 0.1%
F Terminating Plug
(CF-TP2)



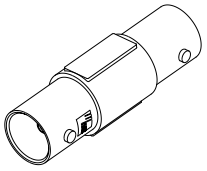
Precision 0.1%
BNC Terminating Plug
(BNC-TP2)

Ordering Information

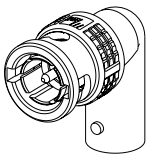
Description	Catalog Number
BNC Terminating Plug	
1% 75 Ω resistor	BNC-TP1
Precision 0.1% 75 Ω resistor	BNC-TP2
F Terminating Plug	
1% 75 Ω resistor	CF-TP1
Precision 0.1% 75 Ω resistor	CF-TP2
Accessories	
Hex nut for .505" bulkhead connectors	TPC-1B
Locking washer for .505" bulkhead connectors	TPC-1C
Insulating shoulder washer for .505" bulkhead connectors	HDW-101611
Hex nut for .440" bulkhead connectors	BNC-HN440
Locking washer for .440" bulkhead connectors	BNC-LW440
Insulating shoulder washer for .440" bulkhead connectors	BNC-IW440
2.5 mm x 5 mm Phillips pan head screw for BNC-PC-RRA	SA1089-00

Features

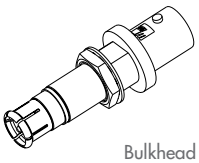
- Improved performance – true 75 Ω characteristic impedance
- Outstanding electrical performance to 3 GHz
- Bulkhead feedthrough available with or without panel isolation
- Meets the performance requirements of MIL-A-55339 for radio frequency coaxial adapters
- Gold-plated, closed-entry contact center conductor to prevent damage during test or mating plug termination

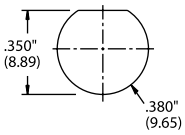


Straight Adapter
(BNC-STRT-ADPT)



Right Angle Adapter
(BNC-RA-ADP)

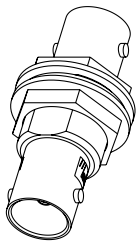




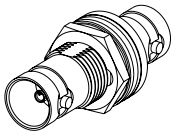
Bulkhead Male to Female
(BHFT-MF)

Ordering Information

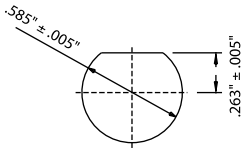
Description		Catalog Number
BNC Adapters		
BNC straight adapter		BNC-STRT-ADPT
BNC right angle adapter		BNC-RA-ADP
BNC to BNC Bulkhead Feedthrough		
for .505"/.585" cutout		BHFT1
for .440"/.505" cutout		BHFT-I2
with panel isolation washers		BHFT-I1
Bulk 100 pack version of above		BHFT-I1B
Bulkhead Male to Female		BHFT-MF
Bulkhead Feedthrough Adapters		
F to BNC	No hardware	BHFT0-FB
	With hardware	BHFT1-FB
	Insulated with hardware	BHFT-FB-I1
	Insulated with hardware, bulk 100 count	BHFT-FB-I1-B
F to F	No hardware	BHFT0-FF
	With hardware	BHFT1-FF
	Insulated with hardware	BHFT-FF-I1
	Insulated with hardware, bulk 100 count	BHFT-FF-I1-B



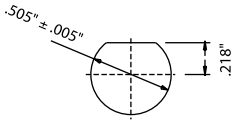
BNC to BNC
Bulkhead
Feedthrough
(BHFT-I1)



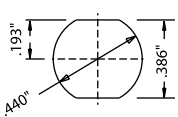
(BHFT-I2)



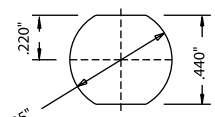
Recommended Panel Cutout
With Insulating Washer
(Max Thickness .250)



Recommended Panel Cutout
Without Insulating Washer
(Max Thickness .250)



Recommended Panel Cutout
Without Isolation Washer
(Max Panel Thickness: .250)



Recommended Panel Cutout
With Isolation Washer
(Max Panel Thickness: .250)

BNC Adapters

Electrical

Characteristic Impedance:	75 Ω
Voltage Rating:	1500 Volts RMS
Insertion Loss:	Better than 0.20 dB 1 MHz to 2 GHz
Return Loss:	Better than 40 dB to 1 GHz; 30 dB to 2 GHz; 26 dB to 3 GHz
Contact Resistance:	.030 Ω maximum change post environmental
Insulation Resistance:	5000 MΩ minimum change

Mechanical

Mechanical Durability:	500 cycles min
Center Contact Retention:	6 lbs. min
Coupling Mechanism:	100 lbs. min
Cable Bend and Twist:	500 cycles min
Force to Engage/Disengage:	Torque 2.5 in/lb max; longitudinal force 3 lbs. max
Interface Dimension:	MIL-C-39012 except 75 Ω

Environmental

Thermal Shock:	-40° C to 65° C operating; -55° C to 85° C, non-operating
Moisture Resistance:	0% to 95%; MIL-STD-202 Method 106
Corrosion (Salt Spray):	MIL-STD-202 Method 101, Test Condition B
Flammability:	UL 94-VO rated (center conductor insulator)
Vibration:	MIL-STD-202 Method 204, Test Condition B
Solvent Resistance:	MIL-STD-202 Method 215

Finish:

Body/Bayonet:	Tarnish resistant electroless nickel plating
Center Conductor:	50 millionth inch gold plating MIL-C-45204 Type 1, Grade C, Class 1

Recessed BNC

Electrical

Characteristic Impedance:	75 Ω
Voltage Rating:	1500 Volts RMS
Insertion Loss:	Better than 0.20 dB 1 MHz to 2 GHz
Return Loss:	Better than 40 dB to 1 GHz; 30 dB to 2 GHz; 26 dB to 3 GHz
Contact Resistance:	.030 Ω maximum change post environmental
Insulation Resistance:	5000 MΩ minimum change

Mechanical

Mechanical Durability:	500 cycles min
Center Contact Retention:	6 lbs. min
Coupling Mechanism:	100 lbs. min
Cable Bend and Twist:	500 cycles min
Force to Engage/Disengage:	Torque 2.5 in/lb max; longitudinal force 3 lbs. max
Interface Dimension:	MIL-C-39012 except 75 Ω

Environmental

Thermal Shock:	-40° C to 65° C operating; -55° C to 85° C, non-operating
Moisture Resistance:	0% to 95%; MIL-STD-202 Method 106
Corrosion (Salt Spray):	MIL-STD-202 Method 101, Test Condition B
Flammability:	UL 94-VO rated (center conductor insulator)
Vibration:	MIL-STD-202 Method 204, Test Condition B
Solvent Resistance:	MIL-STD-202 Method 215

Finish:

Body/Bayonet:	Tarnish resistant electroless nickel plating
Center Conductor:	50 millionth inch gold plating MIL-C-45204 Type 1, Grade C, Class 1

Features

- Durable ergonomic handle provides greater comfort
- Fully adjustable for preloading to maintain die set alignment
- Exceptional life, rated for 100,000 crimp cycles
- Available in two handle sizes
- Highest mechanical advantage in the industry, reduces fatigue during crimping
- Precision-manufactured by Pressmaster in Sweden

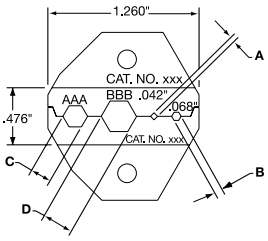
BNC Crimping Tool
(WT-2)

BNC Insertion Tool
(BT2000-12)

Ordering Information

Description	Catalog Number
Crimp Tools for CommScope die sets	
Ergonomic handle	WT-2
Long ergonomic handle	WT-3
BNC Insertion Tool	
6" handle	BT2000-06
12" handle	BT2000-12
24" handle	BT2000-24
Crimp Tool, 12 point For BNC, F, RCA and LCC	WT-C12

12 Point
Crimp Tool
(WT-C12)



Die Set Dimensions

BNC, F and RCA and LCC Die Sets

Ordering Information

Description				Catalog Number
"A" Center Wire	"B" Center Wire	"C" Crimp Sleeve	"D" Crimp Sleeve	Die Set
.042"/1.07 mm	.068"/1.73 mm	0.255"/6.48 mm	0.324"/8.23 mm	WD-1
.042"/1.07 mm	.068"/1.73 mm	0.178"/4.52 mm	0.255"/6.48 mm	WD-2
.042"/1.07 mm	.068"/1.73 mm	0.197"/5.00 mm	0.255"/6.48 mm	WD-3
.042"/1.07 mm	.068"/1.73 mm	0.197"/5.00 mm	0.278"/7.06 mm	WD-4
.042"/1.07 mm	.068"/1.73 mm	0.255"/6.48 mm	0.278"/7.06 mm	WD-5
.068"/1.73 mm	-	0.384"/9.76mm	-	WD-6
.042"/1.07 mm	.068"/1.73 mm	0.178"/4.52 mm	0.278"/7.06 mm	WD-7
.042"/1.07 mm	.068"/1.73 mm	0.255"/6.48 mm	0.324"/8.23 mm	WD-1-SER*
.042"/1.07 mm	.068"/1.73 mm	0.178"/4.52 mm	0.255"/6.48 mm	WD-2-SER*

* SER units feature a unique serial number that imprints on the crimp sleeve. This is useful for tracking tooling or installation quality.

Ordering information

COAX-BOOT - X - XX - X

Cable Group

1	(BNC-1* & Other)
3	(BNC-3* & Other)
4	(BNC-4* & Other)
5	(BNC-5* & Other)
8	(BNC-8* & Other)
13	(BNC-13* & Other)
26	(BNC-26* & Other)
31	(BNC-31* & Other)

Color

BK	Black
B	Blue
G	Green
R	Red
V	Violet
W	White
Y	Yellow

Quantity

A	25
B	100
C	500

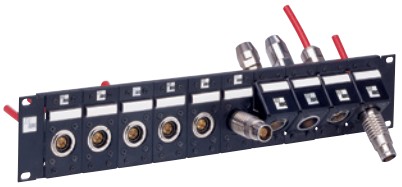
Coax Boots

*Boots can be used for any variety of CommScope connector Example: BNC-1; CF-1; CRCA-1; CRCAG-1; LCC-1; LCP-1

Current LCP	Current LCC	Current RCA	Current F	Current BNC	CommScope Groups	Catalog Number***
-	LCC-1 LCC-2	CRCA-1 CRCA-2	CF-1	BNC-1 BNC-2 BNC-6 BNC-15 BNC-20	1 2 6 15 20	COAX-BOOT-1-XX-Y
LCP-3	LCC-3	-	-	BNC-3 BNC-19 BNC-28	3 19 28	COAX-BOOT-3-XX-Y
-	-	CRCA-4	CF-9* CF-29	BNC-4 BNC-9* BNC-29	4 9 29	COAX-BOOT-4-XX-Y
-		CRCA-5 CRCA-8(1) CRCAG-8	CF-5 CF-8(1) CF-9**	BNC-5 BNC-9** BNC-11 BNC-17	5 9 11 17	COAX-BOOT-5-XX-Y
-	-	-	-	BNC-8 BNC-10	8 10	COAX-BOOT-8-XX-Y
LCP-13	LCC-13	CRCA-13 CRCAG-13	CF-13	BNC-7 BNC-12 BNC-13 BNC-14 BNC-22	7 12 13 14 22	COAX-BOOT-13-XX-Y
-	-	-	-	BNC-3TMX BNC-18 BNC-26	18 26	COAX-BOOT-26-XX-Y
LCP-31	LCC-31	CRCA-16	CF-31	BNC-16 BNC-21 BNC-31 BNC-32	16 21 31 32	COAX-BOOT-31-XX-Y

* For cable outer diameter greater than .285
** For cable outer diameter smaller than .285
*** Replace XX with color; Replace Y with quantity
(1) CF-8 and CRCA-8 use an exception to Group 8

For years, the industry has been locked into connector designs that are difficult to terminate, and even more difficult to field repair. ADC's line of ProAx® Triaxial Camera Connectors will change the way you think about this component forever.



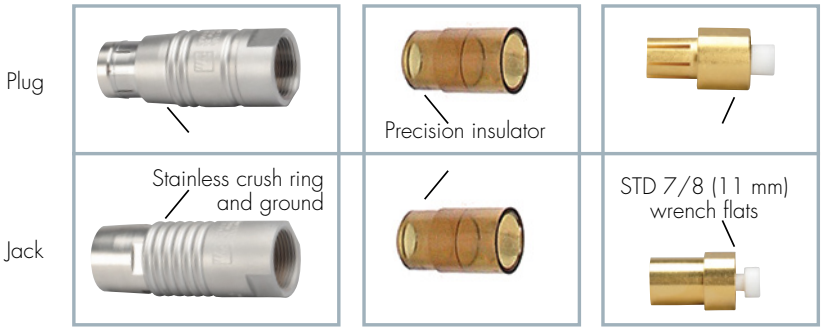
- Field Repairable – no return of cable required
- Gender and Format Reversible – male and female front housing interchangeable and U.S. global formats interchangeable
- Solid Outer Shield Ground
- Sturdy Construction
- Patented Panel-Mount System – 45 and 90° mounting options available
- Compatible with all major manufacturing connectors and uses as well as standard industry tools/dies

Applications

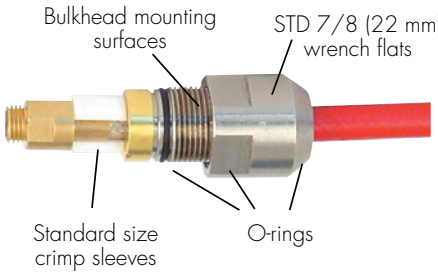
High-Definition Ready True 75 W Impedance

The ADC ProAx triax connector line is designed for maximum bandwidth for serial digital and high-definition digital applications while maintaining a true 75 W impedance. All critical path components are gold-plated for outstanding durability and connectivity.

ProAx® Triaxial Camera Connectors



Gender/Type Changer Connector Assembly
(global standard shown)



Universal Backshell Cable Dependent

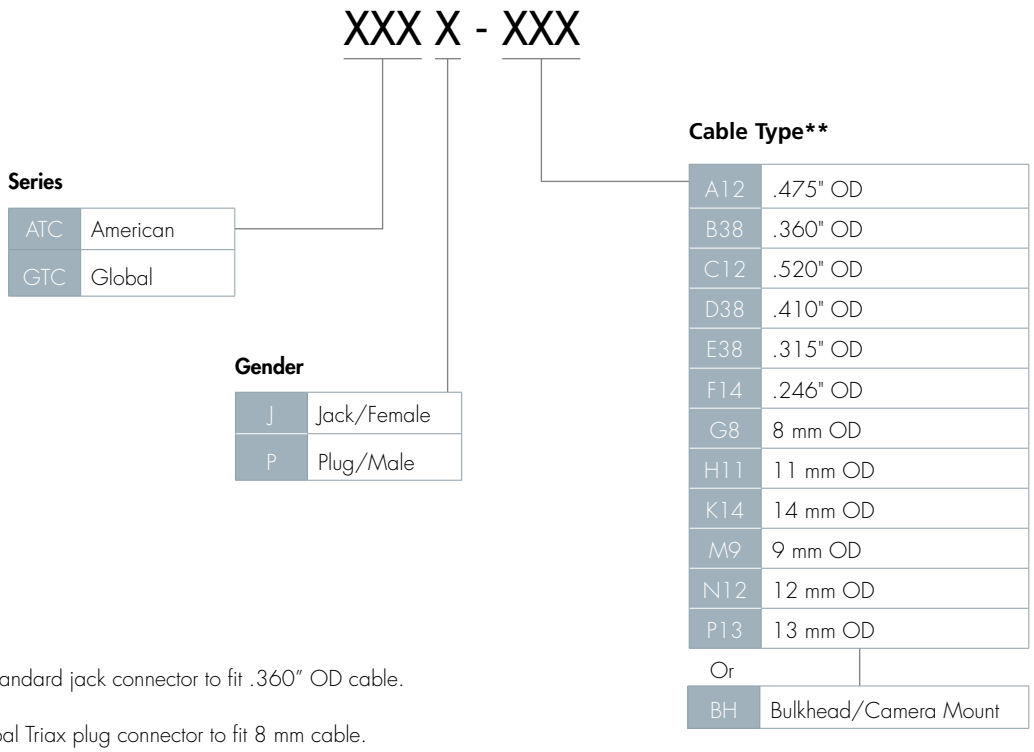
American Standard – A-Series
Equivalent: Kings

Global Standard – G-Series
Equivalent: Fischer Connectors®
Series 1051 A004*

CommScope ProAx triax connectors are available in US and global formats. Use the following model to determine the catalog ordering number for your specific product needs.

Ordering Information

Description	Catalog Number	
American Triax Complete Camera Connectors**	Jack	Plug
A12 (1/2"), .475" cables, 75 Ω	ATCJ-A12	ATCP-A12
B38 (3/8"), .360" cables, 75 Ω	ATCJ-B38	ATCP-B38
C12 (1/2"), .520" cables, 75 Ω	ATCJ-C12	ATCP-C12
D38 (3/8"), .410" cables, 75 Ω	ATCJ-D38	ATCP-D38
E38 (3/8"), .315" cables, 75 Ω	ATCJ-E38	ATCP-E38
F14 (1/4"), .246" cables, 75 Ω	ATCJ-F14	ATCP-F14



Examples:

ATCJ-B38 = 75 Ω, US standard jack connector to fit .360" OD cable.

GTCP-G8 = 75 Ω, Global Triax plug connector to fit 8 mm cable.

**See page 3.27 and 3.28 to cross reference your cable type with CommScope's cable code.

Legend

Standard	Equivalent	Series
American	Kings	A
Global	Fischer	G

Electrical performance specifications of ProAx Triaxial camera connectors are based on a male and female connector mated together.

Rated Bandwidth:	1 MHz to 1.5 GHz
Return Loss:	Better than -20 1 GHz/-15 to 2 GHz
Characteristic Impedance:	75 Ω nominal
Insertion Loss:	Better than 0.8 dB loss 1 MHz to 1.5 GHz
Dielectric Withstanding Voltage:	1500 Volts AC
Life Cycles:	1000 cycles minimum per MIL-PFR-39012

Mechanical

Life Cycles:	1000 cycles minimum per MIL-PFR-39012
Cable Retention:	100 lb. Per MIL-STD-1344A Method 2010.1

Materials

Body materials:	Brass per ASTM B16, CDA Alloy 360 with electroless nickel plating per QQ-N-290
Inner bodies:	Brass per ASTM B16, CDA Alloy 360 with 50 millionths inch gold plating
Latching spring:	Stainless Steel 460 SE heat treated and Electro-Polished
Spring center conductors:	Beryllium Copper with 50 millionths inch Gold per MIL-G-45204 Type 1
Crush rings:	303 Stainless
Machined center conductors:	Brass per ASTM B16 CDA Alloy 360 with 50 millionths inch Gold per MIL-G-45204 Type 1
Ground Clip:	Beryllium Copper with electroless nickel plating per QQ-N-290 and Gold per MIL-G-45204 Type 1
Insulators:	Teflon
O-Rings:	Ethylene Propylene

Environmental

Temperature

Operating:	-40° C to 65° C
Storage:	-55° C to 85° C
Thermal shock:	Per MIL-STD-202, Method 107

Humidity

Operating:	0% to 95%, non-condensing
Storage:	0% to 95%, non-condensing
Salt spray:	Per MIL-STD-202, Method 101, Test Condition B
Moisture resistance:	Per MIL-STD-202, Method 106
Sand and dust resistance:	Per MIL-STD-202, Method 101
Flammability:	UL 94-VO Rated
Crush resistance:	Per MIL-STD-1344A, Method 2008.1

This system offers the flexibility of choosing/changing gender and type after terminating the cable. Ordering the gender changer kit and cable mount backshell separately results in reduced mistakes and repairs in the field. When a complete connector is ordered it is comprised of a gender changer kit (series and gender specific) and cable mount backshell (cable size specific).

Gender Changer Kit
(global standard shown)

Gender Changer Kits

Kits include all parts needed for changing gender and series.

Ordering Information

Description (Series)	Gender	Catalog Number
Gender Changer Kits		
American	Female jack	ATRK-GCF
	Male plug	ATRK-GCM
Global	Female jack	GTRK-GCF
	Male plug	GTRK-GCM

Cable Mount Backshells

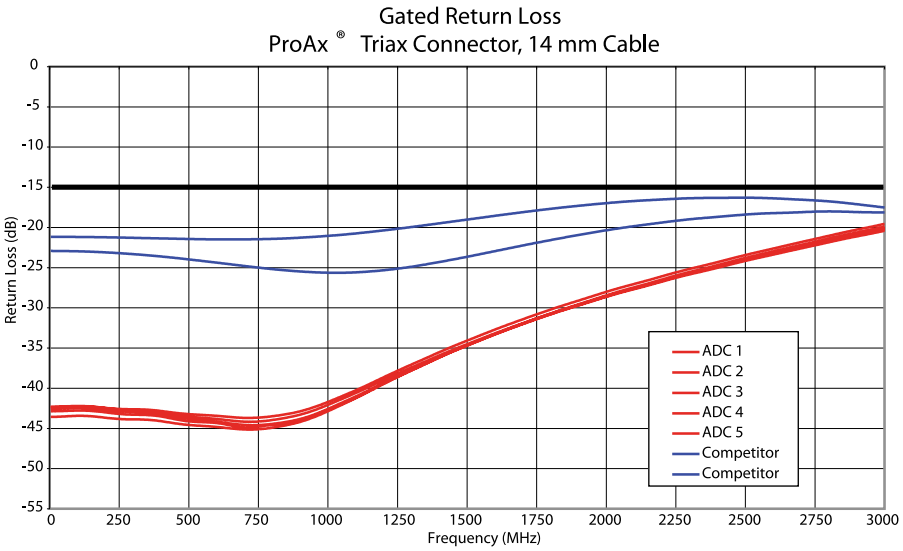
Includes all parts needed for cable termination.

Universal RoHS Compliant Backshell Cable Size Dependent

Ordering Information

Description	Catalog Number
Universal RoHS Compliant Backshells*	
A12 (1/2"), .475" cables, 75 Ω	GTRK-BS-A12
B38 (3/8"), .360" cables, 75 Ω	GTRK-BS-B38
C12 (1/2"), .520" cables, 75 Ω	GTRK-BS-C12
D38 (3/8"), .410" cables, 75 Ω	GTRK-BS-D38
E38 (3/8"), .315" cables, 75 Ω	GTRK-BS-E38
F14 (1/4"), .246" cables, 75 Ω	GTRK-BS-F14
G8 (8 mm) cables, 75 Ω	GTRK-BS-G8
H11 (11 mm) cables, 75 Ω	GTRK-BS-H11
K14 (14 mm) cables, 75 Ω	GTRK-BS-K14
M9 (9 mm) cables, 75 Ω	GTRK-BS-M9
N12 (12 mm) cables, 75 Ω	GTRK-BS-N12
P13 (13 mm) cables, 75 Ω	GTRK-BS-P13

*See page 3.27 and 3.28 to cross reference your cable type with CommScopes's cable code and for additional cable sizes.



Ordering Information

Description (Series)	Gender	Catalog Number
Center Conductor Repair Kits		
American	Female jack	TRK-FF
	Male plug	TRK-FM
Global	Female jack	GTRK-FF
	Male plug	GTRK-FM
Outer Shell Repair Kits		
American	Female jack	ATRK-FOS
	Male plug	ATRK-MOS
Global	Female jack	GTRK-FOS
	Male plug	GTRK-MOS
Rear Re-termination Repair Kits (only parts required for retermination)		
Size A12		GTRK-RA
Size B38		GTRK-RB
Size C12		GTRK-RC
Size G8		GTRK-RG
Size H11		GTRK-RH
Size K14		GTRK-RK
Size M9		GTRK-RM
Size N12		GTRK-RN
Size P13		GTRK-RP

Center Conductor Repair Kit
(american standard shown)

Outer Shell Repair Kit
(global standard shown)

Rear Re-termination Repair Kit

Protective Weather Boots

CommScope's triax weather boots provide ultimate protection for your triax connector investment.

Features

- Sealed to IP67 specification
- Feature a weather-tight patent pending lip-over seal protection
- Each boot is adjustable to fit any cable size
- Mating cap is attached via stainless steel lanyard, and is hermaphroditic for both male (plug) and female (jack) boots
- Made of a special high-performance UL rated rubber compound that can withstand extreme temperature ranges from -45° C to +55° C

Cap

Boot with Cap

Global (G-Series) Triax Connectors with Boots

Ordering Information

Description (Series)	Gender	Catalog Number
Protective Weather Boot with Cap		
American	Female jack	BNTCJ-BOOT
	Male plug	BNTCP-BOOT
Global	Female jack	GTCJ-BOOT
	Male plug	GTCP-BOOT
Outer Shell Repair Kits		
American		BNTC-CAP
Global		GTC-CAP

ProAx® Triaxial Camera Connectors – Bulkhead Mount

CommScope's slim-line versions specifically engineered for OEM camera use and low-profile bulkhead mounting. These new bulkhead connectors retain gender flexibility, field repairability and format reversable features that ensure high-performance.

Features

- Solder-style termination
- Connectors are gender and format interchangeable
- Field repairable without having to replace the connector or open the camera
- Compatible wtih industry-standard triaxial connectors
- Reverses between US and global formats in just seconds
- Qualified to demanding MIL-STD 202

American Standard
A-Series
Equivalent: Kings

Global Standard
G-Series
Equivalent: Fischer Connectors
Series 1051 A004*

Legend

Standard	Equivalent	Series
American	Kings	A
Global	Fischer	G

Contact CommScope for more information.

Ordering Information

Description (Series)	Gender	Catalog Number
Bulkhead/Camera Mount Triax Complete Camera Connectors (solder type)		
American	Female jack	ATCJ-BH
	Male plug	ATCP-BH
Global	Female jack	GTCJ-BH
	Male plug	GTCP-BH

Ordering Information

Description (Series)	Gender	Catalog Number
Triax Camera Connector Repair Kits for Bulkhead Gender Changer Kits		
American	Female jack	ATRK-GCF-BH
	Male plug	ATRK-GCM-BH
Global	Female jack	GTRK-GCF-BH
	Male plug	GTRK-GCM-BH
Universal Rear Unit Panel Mount (solder-type)		TRK-RU-BH

Universal Rear Unit

Ordering Information

Center Conductor Repair Kit

Description (Series)	Gender	Catalog Number
Center Conductor Repair Kits		
American	Female jack	TRK-FF
	Male plug	TRK-FM
Global	Female jack	GTRK-FF
	Male plug	GTRK-FM
Outer Shell Repair Kits		
American	Female jack	ATRK-BH-FOS
	Male plug	ATRK-BH-MOS
Global	Female jack	GTRK-BH-FOS
	Male plug	GTRK-BH-MOS

Legend

Standard	Equivalent	Series
American	Kings	A
Global	Fischer	G

Contact CommScope for more information.

Ordering Information

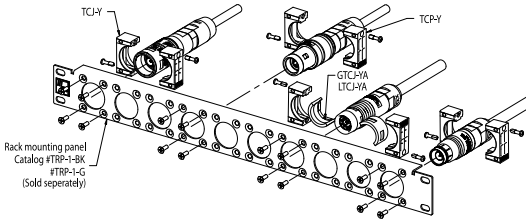
Description		Color	Catalog Number
Cable Mounting Solutions			
Panel 1 RU empty; for up to 10 connectors, requires connectors and yoke kits, sold separately		Black	TRP-1-BK
		Gray	TRP-1-G
Yoke clamp	Female ProAx® jacks	-	TCJ-Y
	Male ProAx® plugs	-	TCP-Y
Yoke clamp adapter**	G-Series jacks	-	GTCJ-YA
Panel 2 RU empty; for up to 10 TCM kits, requires connectors and TCM kits, sold separately		Black	TRP-2-BK
		Gray	TRP-2-G
Universal panel mount kit; mounts in TRP-2 panel (includes yoke clamps)	Straight	Black	TCM-KIT-BK
		Gray	TCM-KIT-G
	45 degree	Black	TCM45-KIT-BK
		Gray	TCM45-KIT-G
Blank cover		Black	TRP-2BLANK-BK
		Gray	TRP-2BLANK-G
Bulkhead Mounting Solutions			
Panel 2 RU empty; for up to 10 TCM kits, requires connectors and TCM-BH kits, sold separately		Black	TRP-2-BK
		Gray	TRP-2-G
Universal panel mount kit; mounts in TRP-2 rack mount	Straight	Black	TCM-BH-KIT-BK
		Gray	TCM-BH-KIT-G
	45 degree	Black	TCM45-BH-KIT-BK
		Gray	TCM45-BH-KIT-G
Blank cover		Black	TRP-2BLANK-BK
		Gray	TRP-2BLANK-G

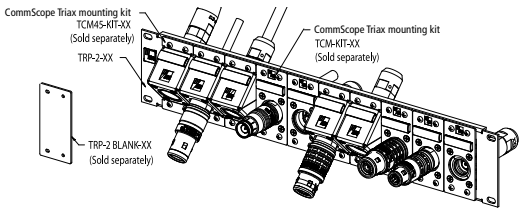
Yoke clamp kits for CommScope catalog numbers. Includes two half Yokes per kit.	
*TCJ-Y	ATCJ-XXX **GTCJ-XXX
*TCP-Y	ATCP-XXX GTCP-XXX

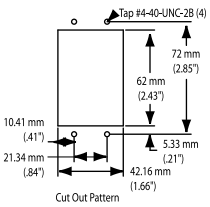
Yoke adapter kits for CommScope catalog numbers. Includes two half Yoke adapter clampers per kit.	
GTCJ-YA	GTCJ-XXX

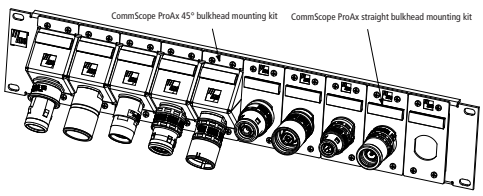
* Included in TCM kits

** Req's Yoke adapter (sold separately)









Universal Triax Adapter Assembled

UTA-1

UTA-2

Ordering Information

Description	Dimensions	Catalog Number
Universal Triax Adapter (UTA)		
UTA, adapts any connector type and gender. (Requires gender changer kit – See Pg. 4)		UTA-1
UTA short, adapts any connector type and gender. (Requires BH gender changer kit – See Pg. 13)		UTA-2
Installation tool kits		
American		TRK-TKIT
International (Die sets sold separately)		TRK-GTKIT
Die Sets		
Size A12, D38, H11, N12	9.75 mm x 10.16 mm (.384" x .4")	TD-ADH
Size B38, E38, F14	6.47 mm x 10.16 mm (.255" x .4")	TD-BEF
Size C12	10.89 mm x 10.16 mm (.429" x .4")	TD-C
Size G8, M9	7.06 mm x 10.16 mm (.278" x .4")	TD-G
Size K14	12.09 mm x 10.16 mm (.476" x .4")	TD-K
Crimp Tool; long-handled Pressmaster		WT-3
Wire Stripping Gauge		TRIAX-GAUGE
Thin Feld Wrench		TRIAX-WRENCH

**See page 3.27 and 3.28 to cross reference your cable type with CommScope's cable code.
Contact CommScope for more information.

Imperial Cable Types

CommScope Cable Code	A12		B38		C12		D38		E38		F14	
	Inch	**mm**	**Inch**	**mm**	**Inch**	**mm**	**Inch**	**mm**	**Inch**	**mm**	**Inch**	**mm**
Center Conductor O.D.	0.064	1.63	0.032	0.81	0.064	1.63	0.064	1.63	0.032	0.81	0.032	0.81
Core Insulation O.D.	0.285	7.24	0.143	3.63	0.312	7.92	0.285	7.24	0.143	3.63	0.135	3.43
Inner Braid O.D.	0.315	8.00	0.176	4.47	0.0332	8.43	0.315	8.00	0.176	4.47	0.168	4.27
Inner Jacket O.D.	0.380	9.65	0.216	5.49	0.392	9.96	0.345	8.76	0.226	5.74	0.184	4.67
Outer Braid O.D.	0.395	10.03	0.250	6.35	0.422	10.72	0.375	9.53	0.256	6.50	0.215	5.46
Outer Jacket O.D.	0.475	12.07	0.360	9.14	0.520	13.21	0.410	10.41	0.315	8.00	0.235	5.97
Retermination Kits	GTRK-RA		GTRK-RB		GTRK-RC		GTRK-RD		GTRK-RE		GTRK-RF	
CommScope Crimp Die	TD-ADH		TD-BEF		TD-C		TD-ADH		TD-BEF		TD-BEF	
Crimp Tool	WT-3/WT-2*		WT-3/WT-2*		WT-3/WT-2*		WT-3/WT-2*		WT-3/WT-2*		WT-3/WT-2*	
Cable Reference	Belden 8233		Belden 1856A		Belden 1858A		Belden 1859A		Belden 8232		Belden 88232	
	Belden 8233A		Belden 1856B		Belden 9232		Gepco VT618811TK		Belden 8232A			
	Belden 7803A		Belden 1857A		Belden 9192				CommScope 7810			
	CommScope 7820		Belden 9267		Clark 7511D/DR				Nemal 1840			
	CommScope 7827		Clark 7959D		CommScope 7825							
	Gepco VT61811		CommScope 7811		CommScope 7826							
	Gepco VT61811PE		CommScope 7812		Gepco LVT61811							
	Gepco VT61811PE/AP		CommScope 7814		Manhattan M8022							
			Gepco VT61859		Nemal 1820							
	Gepco VT61811PEF		Gepco LVT61859		Nemal 1825							
			Gepco LVT61859S									
	Nemel 1810		Manhattan M8021									
	Clark 7511DR/DB		Nemal 1835									

* WT-3 long handle / WT-2 shorthandle

Broadcast Connectors

ProAx® Triaxial Camera Connectors – Cable Reference Tables

Metric Cable Types

CommScope Cable Code	G8		H11		K14		M9		N12		P13	
	Inch	**mm**	**Inch**	**mm**	**Inch**	**mm**	**Inch**	**mm**	**Inch**	**mm**	**Inch**	**mm**
Center Conductor O.D.	0.039	0.99	0.056	1.42	0.087	2.21	0.039	1	0.055	1.4	0.074	1.89
Core Insulation O.D.	0.178	4.52	0.256	6.50	0.382	9.70	0.177	4.5	0.256	6.5	0.323	8.2
Inner Braid O.D.	0.200	5.08	0.284	7.21	0.413	10.49	0.201	5.1	0.280	7.1	0.350	8.9
Inner Jacket O.D.	0.260	6.60	0.344	8.74	0.468	11.89	0.260	6.6	0.339	8.6	0.394	10.0
Outer Braid O.D.	0.282	7.16	0.371	9.42	0.499	12.67	0.283	7.2	0.362	9.2	0.425	10.8
Outer Jacket O.D.	0.331	8.41	0.433	11.00	0.571	14.50	0.350	8.9	0.480	12.2	0.512	13
Retermination Kits	GTRK-RG		GTRK-RH		GTRK-RK		GTRK-RM		GTRK-RN		GTRK-RP	
CommScope Crimp Die	TD-G		TD-ADH		TD-K		TD-G		TD-ADH		TD-C + TD-K (for CC)	
Crimp Tool	WT-3/WT-2*		WT-3/WT-2*		WT-3/WT-2*		WT-3/WT-2*		WT-3/WT-2*		WT-3/WT-2*	
Cable Reference	Argosy CT2767300		Argosy CT27674XX		Argosy CT2766700		Draka Triax 8/1		Draka Triax 11/1		Triax B2 (France)	
							Triax A2 (France)					
	Argosy CT27679XX		Argosy CT2766XXX		Argosy CT2766704							
	Argosy CT2765XXX		Argosy CT27681XX		Argosy CT7666700							
	Argosy CT28532XX		Argosy CT2850801		Argosy CT2767000							
	Bedea 1.0s/4.5s Standard 8		Bedea 1.4s/6.6s Standard 11		Bedea Standard 14							
	Bedea 1.0Ls/4.5s Superflex 8		Bedea 1.4Ls/6.6s Superflex 11		Bedea Superflex 14							
	Belden 7783A		Belden 7784AS		Belden 7785A							
	Belden 7801A		BIW 91307		Draka Triax 14							
	Draka Triax 8		Draka Triax 11		Fujikura 9.6/2.22EFTXF							
	Filotex SFP:A2 Video Fixe		Filotex SPF:B2 Video Fixe		Nokia Triax 14							
	Filotex SFP:A2 Video Mobile		Filotex SFP:B2 Video Mobile		Nokia Triflex 14							
	Fujikura 4.8/1.0 EFTXF		Intercond RX 75/56									
	Hirakava Triax 4.8/1.0 Tufret		N.E.K. 63990									
	Intercond RX 75/55		Nokia Triax 11 1.4s/6.6s									
	N.E.K. 23860		Nokia Triflex 11 1.4Ls/6.6s									
	Nokia Triax 8 1.0s/4.5s											
	Nokia Triflex 8 1.0Ls/4.5s											
	Percon Triax 8 Rigid (HF)											
	Percon Triax 8 Flex (HF)											
	Percon Triax 8 Z (Superflex)											
	Percon Triax 8 FRLSHF											

* WT-3 long handle / WT-2 shorthandle

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