BELDEN

Key Benefits:

- Low Temperature -50C
- Chemical Resistant – Oil Res 1 & 2
- Abrasion Resistant
- Tray Grade

Temperature Range	
Operating	-50ºC to +70ºC
Storage	-50ºC to +70ºC
Installation	-10ºC to +60ºC

Standards:

- OIL RES 1 & 2 COMPLIANT OUTER JACKET
- TIA/EIA-568.3-D
- NEC/CEC OFCR/OFCR FT4
- ICEA S-104-696 (Indoor/Outdoor Rated)
- ROHS II 2011/65/EU
- REACH EC1907-2006

Glass Type	Fiber Grade Code (x)	Subunit Color	Operating Wavelength (nm)	Max Attenuation (dB/km)	Min. OFL Bandwidth (MHz-km)	Min. Laser Bandwidth (MHz-km)	1 Gigabit Ethernet Min. Link Length (meters)	10 Gigabit Ethernet Min. Link Length (meters)
OS2 - Single Mode	S	Yellow	1310/1550	0.5/0.5	-	-	5000/-	10,000/40,000
OM1 - 62.5/125mm Multi-Mode	1	Orange	850/1300	3.5/1.25	200/500	220/-	300/550	33/-
OM3 - 50/125mm Multi-Mode	3	Aqua	850/1300	3.0/1.0	1500/500	2000/-	1000/550	300/-
OM4 - 50/125mm Multi-Mode	4	Erika Violet	850/1300	3.0/1.0	3500/500	4700/-	1100/550	550-
†Custom color jackets available								

Aluminum Interlocked Armor

Fiber Count	Part Number Substitute (*) with Fiber Grade Code	Nom. Jacket Dia. in (mm)	Weight lbs/1000ft (kg/km)	Max. Install Load lbs (N)	Max. Long Term Load lbs (N)	Min. Bend Radius Load	Min. Long Term Bend Radius
2	TU-*BB-002-RI2N	0.570 (14.5)	125 (186)	300 (1330)	90 (400)	20x Cable OD	15x Cable OD
4	TU-*BB-004-RI2N	0.635 (16.1)	145 (216)	300 (1330)	90 (400)	20x Cable OD	15x Cable OD
6	TU-*BB-006-RI2N	0.685 (17.4)	162 (241)	300 (1330)	90 (400)	20x Cable OD	15x Cable OD
12	TU-*BB-012-RI2N	0.950 (24.1)	245 (365)	300 (1330)	90 (400)	20x Cable OD	15x Cable OD
18	TU-*BB-018-RI2N	0.950 (24.1)	252 (375)	600 (2670)	180 (800)	20x Cable OD	15x Cable OD

†Custom color jackets available