

Industrial Armored Cables

Tight Buffer — Indoor Plenum Rated (continued)

Applications

- Industrial environments
- Rugged installations
- Manufacturing plants
- Mining operations
- Telecommunications and data trunk
- Inter- and intra-building installations

Product Description

Heavy duty construction with interlocking aluminum armor (steel available on request) provides excellent mechanical protection from cutting or crushing and eliminates need for innerduct. Rodent resistant. Also available for outside plant. Loose tube design available on request.

Jacket Material		
Plenum	PVC	
Buffer Tube	PVC	
Strength Member	Aramid Yarn	
Central Strength Member	E-Glass	
Armor	Aluminum	
Color Code (Buffer)	Per EIA/TIA 598-A, see page 16.24	
Jacket Color		
Single-mode	Yellow	
62.5/125 μm	Orange	
50/125 μm/1 Gbe	Orange	
50/125 μm/10 Gbe	Aqua	

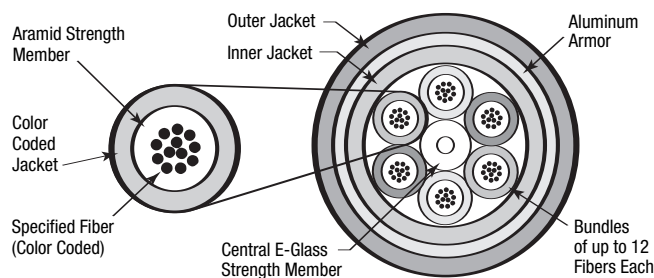
Ratings

Plenum	
UL Type	OFCP
cUL Type	OFC FT6
Flame resistance	NFPA 262

Specifications

Temperature Range	
Storage	-40 to +70°C
Operating	-20 to +70°C
Crush Resistance (EIA-455-41)	2000 N/cm
Impact Resistance (EIA-455-25)	2000 Impacts @ 3.0 N-m
Min. Bend Radius	
Installation	20xOD
Long term	15xOD
Optical Specifications	see page 16.24

Fiber Bundle Detail



No. of Fibers	Belden Part Number				Outside Diameter		Weight		Max. Install Load	
	62.5/125 μm Std./1 Gbe	50.0/125 μm Std./1 Gbe	50.0/125 μm 10 Gbe - 300M	Single-Mode Enhanced	inch	mm	lbs./1000'	kg/km	lbs.	N

Industrial Armored Series

Plenum (NEC/CEC OFCP/OFC FT6)										
6	M9B240	M9A240	M9C240	M9W240	0.471	12.00	87	129	270	1201
12	M9B241	M9A241	M9C241	M9W241	0.506	12.90	103	153	300	1334
24	M9B242*	M9A242*	M9C242*	M9W242*	0.631	16.00	151	225	390	1735
24	M9B243	M9A243	M9C243	M9W243	0.781	19.84	289	430	600	2700
36	M9B244	M9A244	M9C244	M9W244	0.881	22.38	309	460	600	2700
48	M9B245	M9A245	M9C245	M9W245	0.906	23.01	320	476	600	2700
72	M9B246	M9A246	M9C246	M9W246	1.056	26.82	451	671	600	2700
96	M9B247	M9A247	M9C247	M9W247	1.256	31.90	608	905	600	2700
144	M9B248	M9A248	M9C248	M9W248	1.331	33.81	687	1022	600	2700

All optical fiber products can be supplied in compliance with RoHS regulations.
 *Single jacket design.