

Double Jacket, Armored Loose Tube Cables (OSP Type)

Loose Tube – Outdoor, and Indoor/Outdoor Riser Rated



Double Jacket Armored Cable

Gel-filled buffer tube prevents water migration. Available as Riser rated cable, thereby eliminating the need for service entrance splicing to in-building cable. Rodent resistant. Available in sizes up to 216 fibers. Length markings in meters for easy determination of cable length.

Applications

- Direct burial
- Low to high fiber count requirements
- Inter-building duct installations
- Indoor/outdoor
- Industrial outside plant (OSP Type)

Jacket Specifications

Jacket Material

Outdoor PE

Riser PVC

Buffer Tube Thermoplastic

Strength Member Aramid Yarn

Central Strength Member E-Glass

Armor Corrugated Steel Tape

Color Code (Buffer) Per TIA/EIA 598-B, See page 33

Jacket Color Black

Ratings

Riser OFCR

Specifications

Temperature Range (Outdoor)

Storage -40°C to 75°C

Operating -40°C to 70°C

Temperature Range (Riser)

Storage -40°C to 80°C

Operating -40°C to 70°C

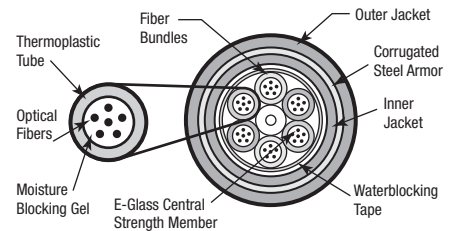
Min. Bend Radius

Installation 20 x OD

Long Term 15 x OD

Optical Specifications See page 33

Legend



Compliance

- TIA/EIA-568-C.3
- ICEA S-87-640

Functional Requirements

- GR-20-CORE
- GR-409-CORE

Faster.
Easier.
Better.



Double Jacket, Armored Loose Tube Cables (OSP Type) (continued)

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Loose Tube Series – Armored

No. of Fibers	No. of Fibers Per Bundle	Belden Part Number					Outside Diameter		Weight		Max. Install Load	
		OM1 62.5 / 125 μ m Std. / 1 Gb	OM2 50 / 125 μ m Std. / 1 Gb	OM3 50 / 125 μ m 10 Gb – 300 m	OM4 50 / 125 μ m 10 Gb – 550 m	OS2 Singlemode Enhanced	Inch	mm	lb/1000 ft	kg/km	lb	N
Outdoor												
6	6	B9B381T	B9A381T	B9C381T	B9E381T	B9W381T	0.62	15.5	134	200	600	2670
12	12	B9B382T	B9A382T	B9C382T	B9E382T	B9W382T	0.62	15.5	134	200	600	2670
24	12	B9B384T	B9A384T	B9C384T	B9E384T	B9W384T	0.62	15.5	134	200	600	2670
36	12	B9B386T	B9A386T	B9C386T	B9E386T	B9W386T	0.62	15.5	134	200	600	2670
48	12	B9B389T	B9A389T	B9C389T	B9E389T	B9W389T	0.62	15.5	134	200	600	2670
72	12	B9B391T	B9A391T	B9C391T	B9E391T	B9W391T	0.65	16.4	138	206	600	2670
96	12	B9B398T	B9A398T	B9C398T	B9E398T	B9W398T	0.72	18.2	170	254	600	2670
144	12	B9B393T	B9A393T	B9C393T	B9E393T	B9W393T	0.90	22.9	259	385	600	2670
Riser (NEC/CEC OFCR/OFC FT.4) Indoor/Outdoor												
6	6	B9B890	B9A890	B9C890	B9E890	B9W890	0.54	13.7	138	205	600	2700
12	12	B9B891	B9A891	B9C891	B9E891	B9W891	0.54	13.7	138	205	600	2700
24	12	B9B892	B9A892	B9C892	B9E892	B9W892	0.54	13.7	138	205	600	2700
36	12	B9B893	B9A893	B9C893	B9E893	B9W893	0.54	13.7	138	205	600	2700
48	12	B9B894	B9A894	B9C894	B9E894	B9W894	0.66	16.8	176	262	600	2700
72	12	B9B895	B9A895	B9C895	B9E895	B9W895	0.66	16.8	172	256	600	2700
96	12	B9B896	B9A896	B9C896	B9E896	B9W896	0.70	17.8	206	307	600	2700
144	12	B9B897	B9A897	B9C897	B9E897	B9W897	0.88	22.4	302	449	600	2700

Additional armor/jacket configurations are available including Single and Triple jacket with armor.
Armor types include steel/aluminum corrugated, steel/aluminum interlock, and glass yarn rodent resistant.