

Double Jacket, Heavy-Duty Loose Tube Cables

Loose Tube – Outdoor



Double Jacket Heavy-Duty Cable

Gel-filled buffer tube prevents water migration. Available with up to 216 fibers.

Applications

- Direct burial
- Harsh environments
- Applications requiring good ozone-, moisture- and weather-resistance

Jacket Specifications

Jacket Material

Outer Jacket: PE

Inner Jacket: PE

Buffer Tube

PBT

Strength Member

Aramid Yarn

Central Strength Member

E-Glass

Core Wrap

Water Swellable Tape

Color Code (Buffer) Per TIA/EIA 598-B, See page 3

Jacket Color Black

Specifications

Temperature Range

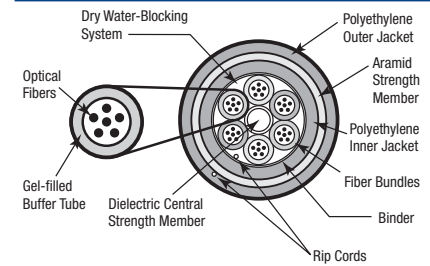
Storage -40°C to 75°C
Operating -40°C to 70°C

Min. Bend Radius

Installation 20 x OD
Long Term 15 x OD

Optical Specifications See page 3

Legend



Compliance

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

Functional Requirements

- GR-20-CORE

Loose Tube Series – Heavy Duty



No. of Fibers	No. of Fibers Per Bundle	Belden Part Number					Outside Diameter		Weight		Max. Install Load	
		OM1 62.5 / 125 µm Std. / 1 Gb	OM2 50 / 125 µm Std. / 1 Gb	OM3 50 / 125 µm 10 Gb - 300 m	OM4 50 / 125 µm 10 Gb - 550 m	OS2 Singlemode Enhanced	Inch	mm	lb/1000 ft	kg/km	lb	N
Outdoor												
2	2	B9B840	B9A840	B9C840	B9E840	B9W840	0.49	12.5	84	125	600	2700
4	4	B9B841	B9A841	B9C841	B9E841	B9W841	0.49	12.5	84	125	600	2700
6	6	B9B842	B9A842	B9C842	B9E842	B9W842	0.49	12.5	84	125	600	2700
12	12	B9B844	B9A844	B9C844	B9E844	B9W844	0.49	12.5	84	125	600	2700
18	12	B9B845	B9A845	B9C845	B9E845	B9W845	0.49	12.5	84	125	600	2700
24	12	B9B846	B9A846	B9C846	B9E846	B9W846	0.49	12.5	84	125	600	2700
36	12	B9B847	B9A847	B9C847	B9E847	B9W847	0.49	12.5	84	125	600	2700
48	12	B9B848	B9A848	B9C848	B9E848	B9W848	0.49	12.5	84	125	600	2700
72	12	B9B849	B9A849	B9C849	B9E849	B9W849	0.53	13.4	97	144	600	2700
96	12	B9B820	B9A820	B9C820	B9E820	B9W820	0.60	15.2	121	180	600	2700
144	12	B9B821	B9A821	B9C821	B9E821	B9W821	0.75	19.0	184	274	600	2700
216	12	B9B822	B9A822	B9C822	B9E822	B9W822	0.76	19.3	187	273	600	2700