

Dry FlexLink™ Armored

Stranded Loose Tube Cables for Aerial, Duct and Direct-Buried Applications



Features and Benefits

Dry Water-Blocking Technology

- Buffer Tube and Core are completely dry-no gel
- Permits rapid cable preparation and termination
- Water-Blocking materials are easily removed

Corrugated Steel Armor

- Provides additional mechanical protection

Medium Density Polyethylene Jacket

- Low friction installation
- Excellent protection from environmental hazards

Sheath Markings

- Provide positive identification and length verification
- Custom print available
- Optional embedded stripe available for additional cable identification

Reverse Oscillated Lay Stranding Method

- Facilitates mid-span access of fibers

Additional Options

- Twisted copper pairs provide remote power or communications
- Factory-Installed pulling eye saves time when setting up for cable pulls

Performance

- Meets or exceeds the performance requirements of Telcordia GR-20, Issue 3 and ICEA 640, and is tested in accordance with relevant EIA-455 series FOTPs for fiber optic cables
- RDUP listed (tested in accordance with PE-90)

Registered Supplier

- ISO 9001, ISO 14001, and TL 9000

PERFORMANCE SPECIFICATIONS

Bend Radius

Dynamic	20 x Cable OD
Static	10 x Cable OD

Tensile Rating

	N	lbf
Installation	2700	600
Residual	800	180

Crush Resistance

	N/cm	lbf/in
Short/ long Term	220/110	125/63

Temperature Ratings

	°C	°F
Operation	-40 to +70	-40 to +158
Installation	-30 to +60	-22 to +140
Storage/Shipping	-40 to +75	-40 to +167

Outer Jacket

Water Blocking Tape

Inner Jacket (Double Jacket Designs Only)

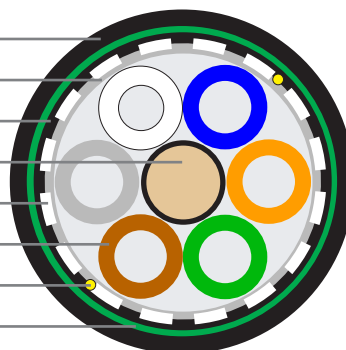
Central Strength Member

Outer Strength Members (where applicable)

Dry-Blocked Buffer Tube Containing up to 12 Fibers

Ripcord

Corrugated Steel Armor



Nominal Design Parameters

Fiber Count		2-60	62-72	74-96	98-120	122-144	146-216	218-264	266-288
Buffer Tube Count		5	6	8	10	12	18	22	24
Buffer Tube OD		(mm) 2.8	2.8	2.8	2.8	2.8	2.8	2.8	2.8
Single Jacket	Cable OD	(mm) 13.2	14.0	15.8	17.7	19.6	19.7	22.5	23.8
		(inches) 0.52	0.55	0.62	0.70	0.77	0.78	0.89	0.94
	Cable Weight	(kg/km) 140	161	193	237	285	262	353	402
		(lb/kft) 94	108	130	159	192	176	236	270
Double Jacket	Max. Length	(m) 12,800	12,800	11,929	9,675	7,643	7,604	5,715	5,246
		(ft) 41,984	41,984	39,127	31,734	25,067	24,940	18,745	17,207
	Cable OD	(mm) 15.3	16.3	18.1	19.8	22.3	22.5	--	--
		(inches) 0.60	0.64	0.71	0.78	0.88	0.88	--	--
Double Jacket	Cable Weight	(kg/km) 190	210	250	294	377	360	--	--
		(lb/kft) 128	141	168	198	253	241	--	--
Double Jacket	Max. Length	(m) 12,800	10,627	8,578	7,842	6,424	6,366	--	--
		(ft) 41,984	34,858	28,138	25,722	21,072	20,880	--	--

ORDERING GUIDE

Example: If you need a 36 count FlexLink™ Dry Water-Blocked Cable with G.652.D LWP Single-Mode fiber and 0.40/0.40/0.30 attenuation, order Part Number 0036HCT1LAJESJA.

Select a part number according to the fiber count you want:

Fiber Count	1	2	3	3	
0002-0006	■	■	■	■	A
0008-0036	■	■	■	■	A
0038-0312	■	■	■	■	A

Note: Standard lay-up fiber counts of 12 or more is 12 fibers per tube. Please call for custom lay-ups.

Then, use the following options to complete the part number:

1 Fiber Type

H = G.652.D Single-Mode Low Water Peak
Z = Corning™ SMF-28e+ Fiber

2 Attenuation

B = 0.35/0.35/0.25 dB/km @ 1310/1383/1550 nm
C = 0.40/0.40/0.30 dB/km @ 1310/1383/1550 nm

3 Jacket Design

Aj = Single Armor-Single Jacket
SA = Single Armor-Double Jacket

Note: Please refer to the Fiber Code Addendum for additional fiber options, or contact us for help.