

Features and Benefits

Dry Water-Blocking Technology

- Permits rapid cable preparation and termination
- Water-Blocking materials are easily removed

Flexible Buffer Tubes

- Superior kink resistance
- Increased flexibility
- Facilitates route management in closures
- Eliminates need for closure transportation tubes

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 requirements of Telcordia GR-20, Issue 2 and ICEA 640, and is tested in accordance with relevant EIA-455 series FOTPs for fiber optic cables
- RUS listed (tested in accordance with PE-90)

Registered Supplier

- ISO 9001, ISO 14001, and TL 9000



Performance Specifications

Bend Radius

Dynamic	20 × Cable OD
Static	10 × Cable OD

Tensile Rating

	N	lbf
Installation	2700	600
Residual	800	180

Crush Resistance

	N/cm	lbf/in
Short Term/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

Nominal Design Parameters

Fiber Count		2-60	62-72	74-96	98-120	122-144	146-216	218-264	266-288	290-312
Buffer Tube Count		5	6	8	10	12	18	22	24	26
Buffer Tube OD	(mm)	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65	2.65
Cable OD	(mm)	11.1	12.0	13.7	15.4	17.3	17.6	19.0	20.0	21.3
	(inches)	0.44	0.47	0.54	0.61	0.68	0.69	0.75	0.79	0.84
Pulling Eye OD	(mm)	15.6	15.6	18.1	18.1	20.6	20.6	23.2	23.2	25.7
	(inches)	0.61	0.61	0.71	0.71	0.81	0.81	0.91	0.91	1.01
Cable Weight	(kg/km)	78	93	118	150	187	176	210	235	263
	(lb/kft)	52	62	79	101	126	118	141	158	177
Max. Length	(m)	12,800	12,800	12,800	12,636	10,013	9,675	8,302	7,493	6,605
	(ft)	41,984	41,984	41,984	41,446	32,843	31,734	27,231	24,577	21,664

Cable Construction

- Outer Jacket
- Outer Strength Members (where applicable)
- Central Strength Member
- Water Blocking Tape
- Gel-Filled Buffer Tube Containing up to 12 Fibers
- Ripcord

