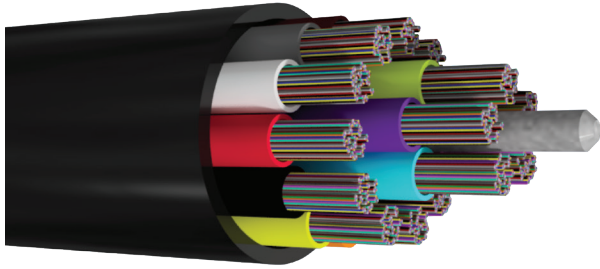
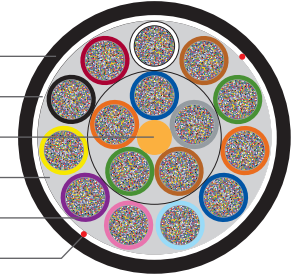


## 3456F MassLink™ with FlexRibbon™ Technology

Ultra compact ribbon design for access or data center applications



- PE Outer Jacket
- Water-Blocking Tape
- Central Strength Member
- Dry Water-Blocked Tube
- Flex Ribbons
- Ripcord



### Overview

MassLink™ with FlexRibbon™ Technology provides an ultra-compact outside plant cable design that contains 3456 bend insensitive fibers, small enough to fit into a 1.50" duct. By using FlexRibbon technology, ribbons are rolled up and packed together in small diameter 216 fiber sub units. While FlexRibbon™ provides high packing density, these 200 μm fiber ribbons still provide the advantages of mass fusion splicing.

### Ultra Compact Design

- FlexRibbons™ are rolled up into compact 216 fiber sub units for easier routing
- Significantly smaller diameter and lighter weight cables allow for easier installation and the use of smaller ducts
- A 3456 cable can be installed in a 1.50" duct which maximizes duct space utilization

### FlexRibbon Technology

- Extremely flexible ribbons can be rolled up for high packing densities or laid flat for ribbon splicing
- 12 fiber ribbons are compatible with 200μm mass fusion heat strippers, cleavers, and splice machines
- Uses 200 um coated bend-insensitive fiber (ITU G657.A1 or A2)

### Performance

- Uses full dry water blocking technology in the tubes and cable core for easy closure preparation and termination

### Registered Supplier

- ISO 9001, ISO 14001, TL 9000, and OHSAS 18001

### PERFORMANCE SPECIFICATIONS

<b>Bend Radius</b>		
Dynamic	20 x Cable OD	
Static	10 x Cable OD	
<b>Tensile Rating</b>	<b>N</b>	<b>lbf</b>
Installation	2700	600
Residual	800	180
<b>Crush Resistance</b>	<b>N/cm</b>	<b>lbf/in</b>
Short/ Long Term	220/110	125/63
<b>Temperature Ratings</b>	<b>°C</b>	<b>°F</b>
Operation	-20 to +70	-2 to +158
Installation	-20 to +60	-2 to +140
Storage/Shipping	-40 to +70	-40 to +158

### NOMINAL DESIGN PARAMETERS

Fiber Count	3456	
Tube Positions	16	
Number of Ribbons/Tube	18	
Cable OD	(mm)	28.2
	(inches)	1.11
Maximum Cable Length	(meters)	3,020
	(feet)	9,900