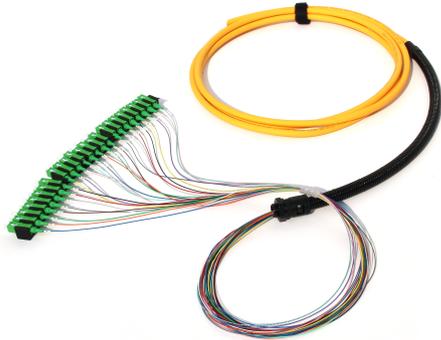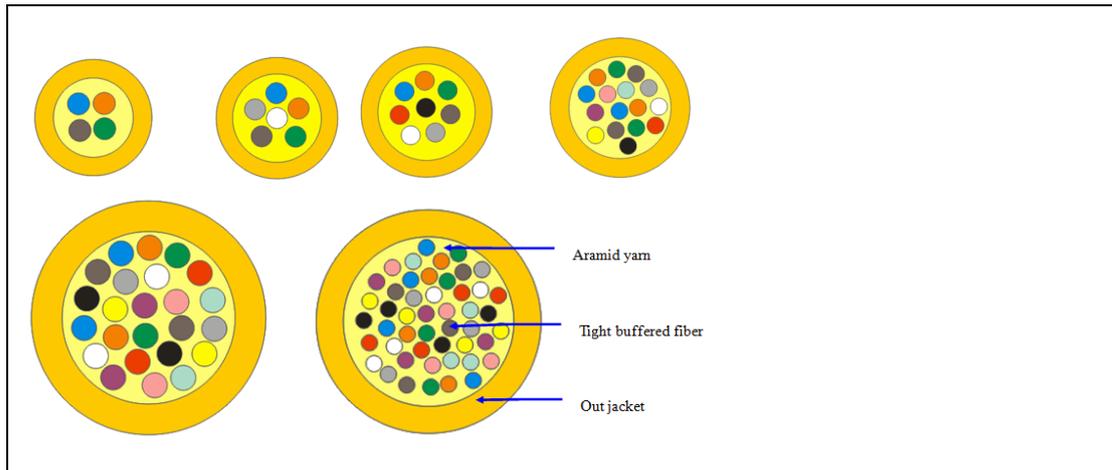# PRE-TERMINATED UNIVERSAL CABLE

FEATURES

- Fiber count 4 to 144
- Available with all standard fiber type
- Available with all standard connectivity
- Connector's design complies with IEC standards
- Extremely low insertion loss and high return loss
- End-face geometry and quality superior than IEC and Telcordia standards

- LSZH, OFNP, OFNR cable jacket
- High tensile strength and good bending performance
- Compact small dimension
- Reduced weight and carriage costs
- RoHS and REACH materials compliant

CONNECTORS' OPTICAL PERFORMANCE

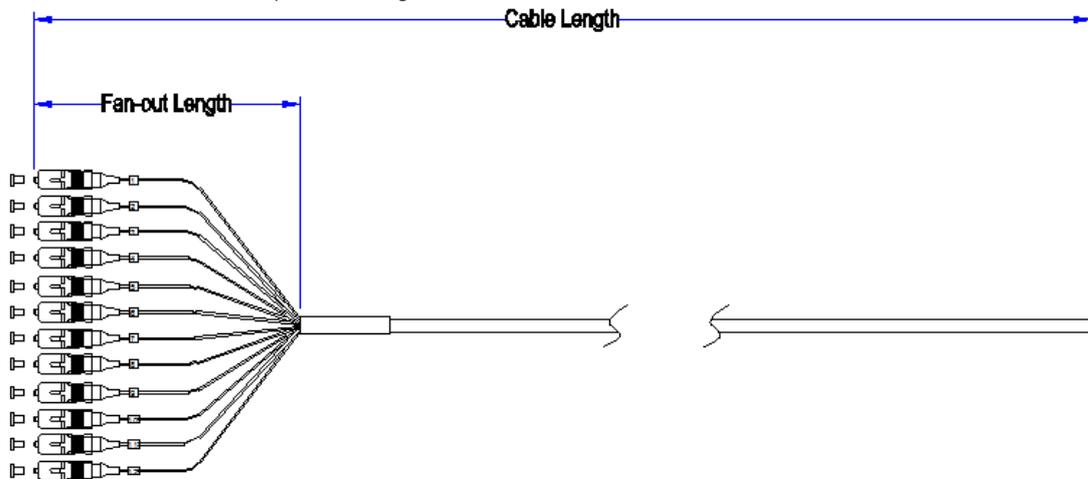| Item	Parameter		Reference
	Single mode	Multimode	
Insertion loss	Random mated average ≤ 0.07dB; Random mated for 97% ≤ 0.12dB	Random mated average ≤ 0.05dB; Random mated for 97% ≤ 0.10dB	IEC 61300-3-34
Return loss	≥ 70dB (APC); ≥ 55dB (UPC)	≥ 45dB	IEC 61300-3-6

CABLE STRUCTURE & PARAMETERS

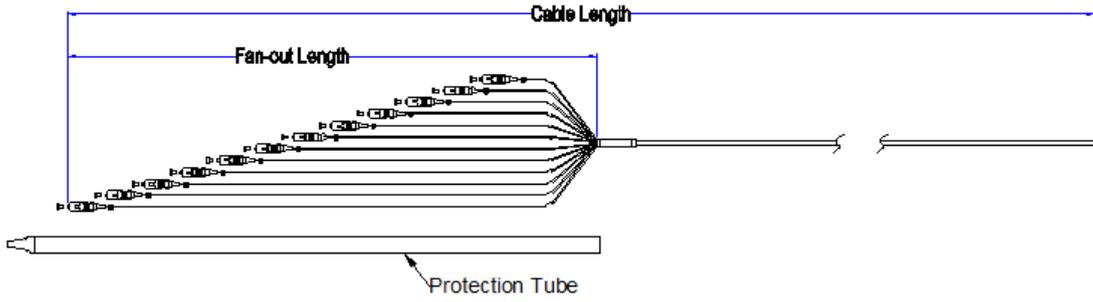| Fiber count		4	6	8	12	16	24	48
Outer diameter (mm)	Cable	4.8±0.2	5.2±0.2	6.2±0.2	6.8±0.2	7.4±0.4	8.4±0.4	12.5±0.5
	Buffered fiber	0.87±0.05						
Thickness (mm)	Cable sheath	0.60±0.1	0.65±0.1	0.75±0.1	0.9±0.1	1.0±0.1	1.1±0.1	1.5±0.1
	Buffered fiber sheath	0.31±0.05						
Nominal weight (kg/km)		19	23	29	38	48	60	128
Max. tensile strength (N)	Short term	270	330	480	600	660	720	1200
	Long term	90	110	160	200	220	240	520
Max. crush resistance (N/100mm^2)	Short term	1000						
	Long-term	300						
Min. bending radius (mm)	Short-term	20D						
	Long-term	10D						
Material	Buffer	PVC/LSZH/Hytrel						
	Cable	PVC/LSZH/OFNP						
Color		Customized						
Strength members		Aramid yarn						
Temperature range (C°)	Storage or transportation	-20 to 70						
	Operation	-20 to 70						

SCHEMATIC DIAGRAMS

Pre-terminated Universal Cable System with Single Fan-out
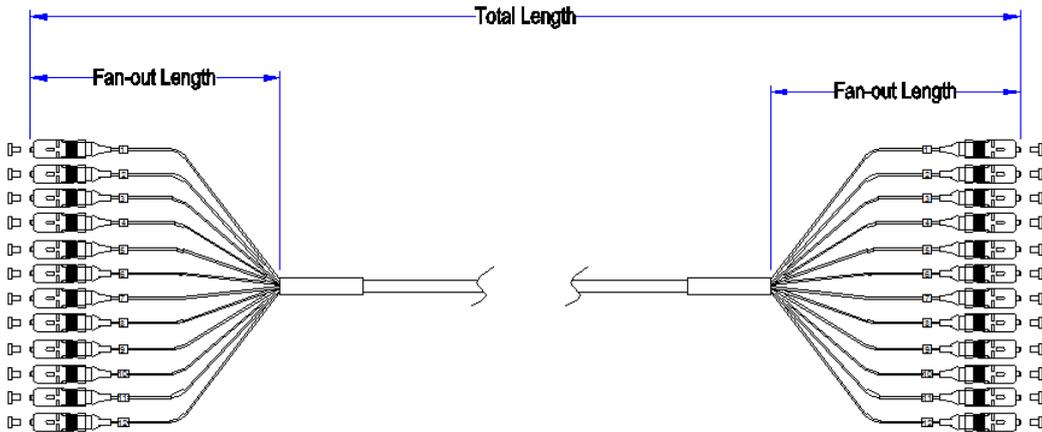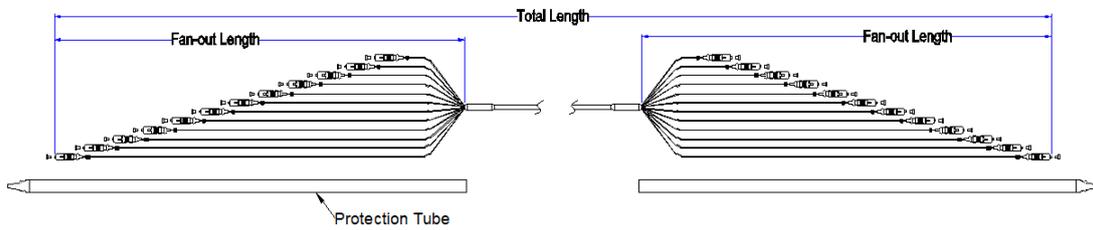
Pre-terminated Universal Cable System with Single Staggered Fan-out

Pre-terminated Universal Cable System with Dual Fan-out

Pre-terminated Universal Cable System with Dual Staggered Fan-out

*ALL PRE-TERMINATED CABLE PRODUCTS ARE TAILOR-MADE TO CUSTOMERS' SPECIFIC REQUIREMENTS ON PRODUCTS' SPECS.