



## PRE-TERMINATED OUTDOOR CABLE



### FEATURES

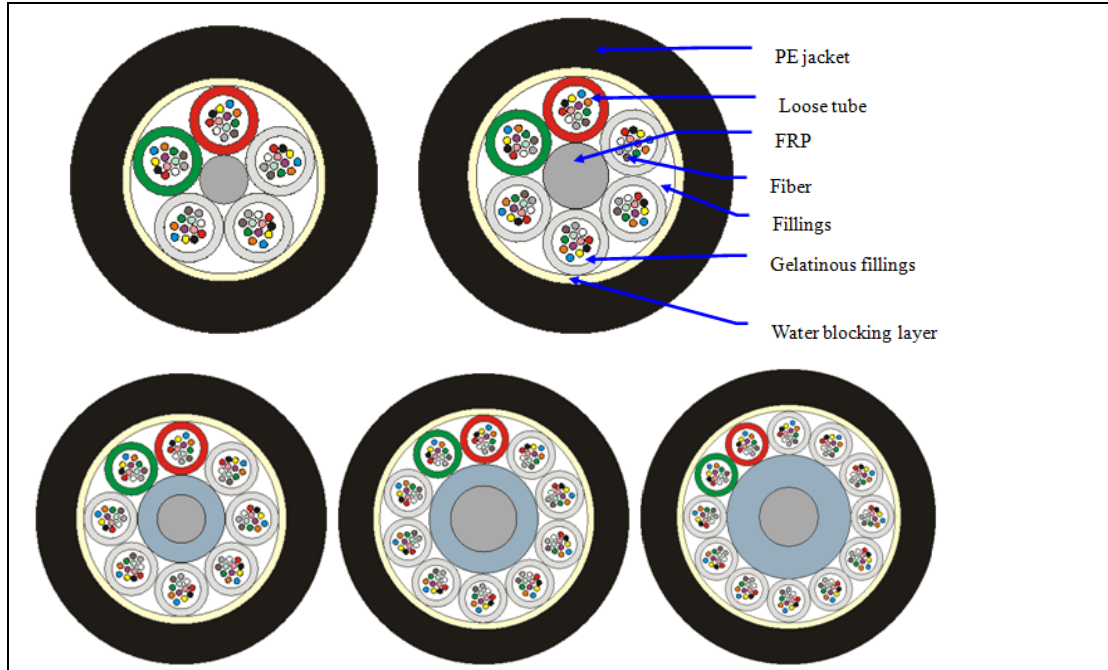
- Fiber count 4 to 288
- Available with all standard fiber type
- Available with all standard connectivity
- Connector's design complies with IEC standards
- Extremely low insertion loss and high return loss
- End-face geometry and quality superior than IEC and Telcordia standards
- LSZH, OFNP, OFNR cable jacket
- Waterproof, dustproof and corrosion resistant
- 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 $\leq$ 0.07dB; Random mated for 97% $\leq$ 0.12dB	Random mated average $\leq$ 0.05dB; Random mated for 97% $\leq$ 0.10dB	IEC 61300-3-34
Return loss	$\geq$ 70dB (APC); $\geq$ 55dB (UPC)	$\geq$ 45dB	IEC 61300-3-6

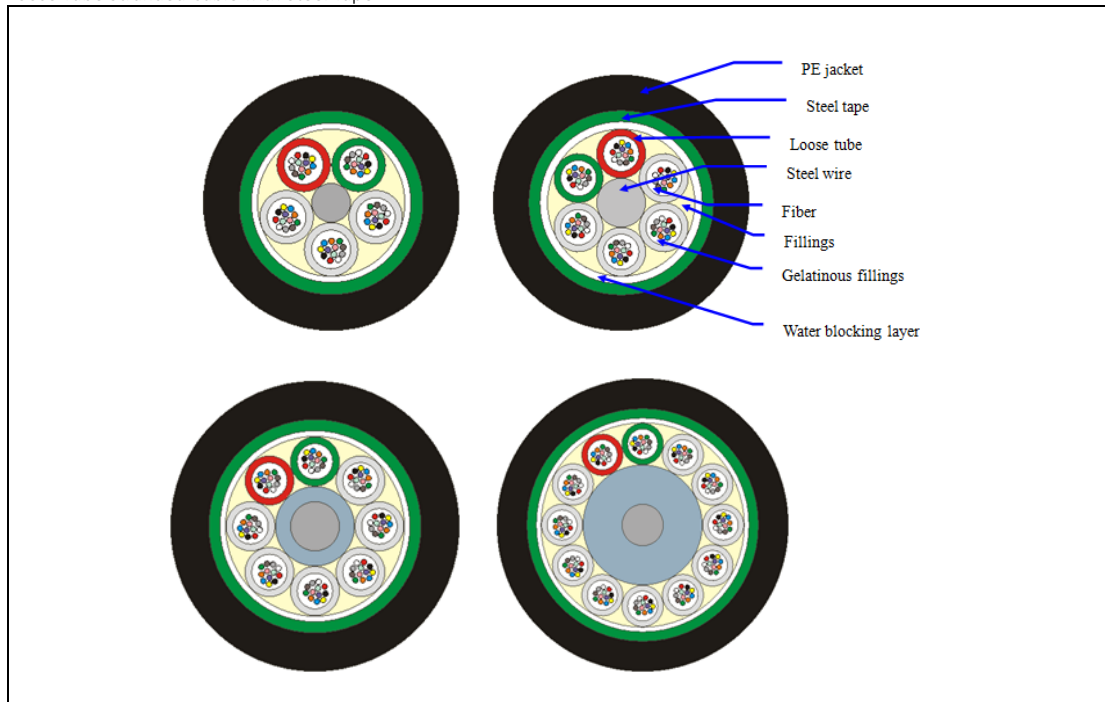
### CABLE STRUCTURE & PARAMETERS

Loose Tube Stranded Cable with Non-metal Central Strength Member



Fiber count		2 to 60	62 to 72	74 to 96	98 to 120	122 to 144
Tube count		5	6	8	10	12
Outer diameter (mm)	Cable	9.8±0.5	10.5±0.5	12±0.5	13.2±0.5	15.0±0.5
	Loose tube	2.15±0.5				
Nominal weight (kg/km)		88	102	130	136	188
Max. tensile strength (N)	Short term	1500	2000	2000	2000	2500
	Long term	500	600	600	600	800
Max. crushing resistance (N/100mm <sup>2</sup> )	Short term	1500	1500	1500	1500	1500
	Long term	500	500	500	500	500
Min. bending radius (mm)	Short term	20D				
	Long term	10D				
Sheath compound		PE				
Strength member		FRP				
Temperature range (°C)	Storage or transportation	-40 to 70				
	Operation	-40 to 70				

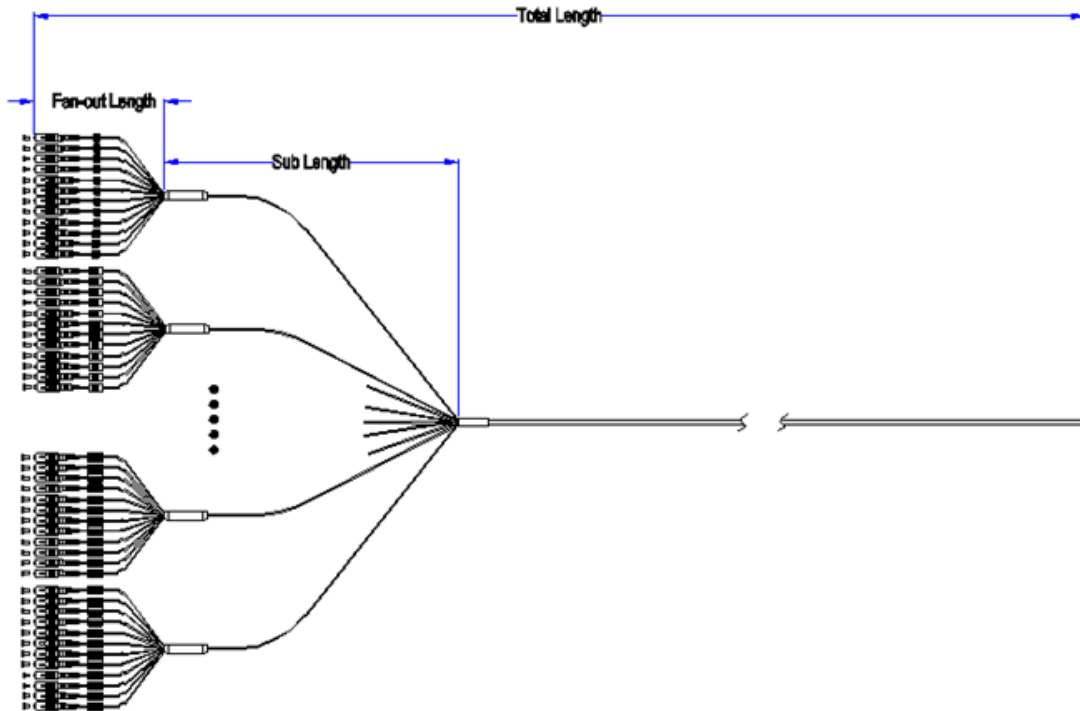
Loose Tube Stranded Cable with Steel Tape



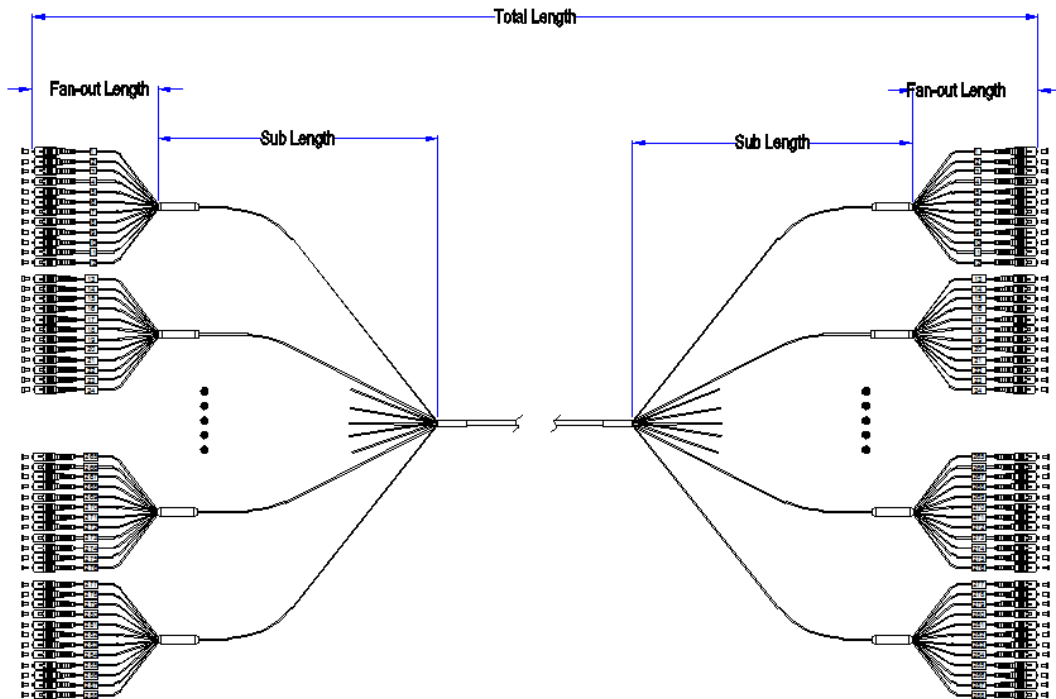
Fiber count		2 to 60	62 to 72	74 to 96	98 to 144
Outer diameter (mm)	Cable	10.5±0.5	11.5±0.5	13.0±0.5	15.8±0.5
	Loose tube	2.15±0.05			
Tube count		5	6	8	12
Nominal weight (kg/km)		112	138	165	222
Max. tensile strength (N)	Short term	1500	2000	2000	2500
	Long term	600	600	600	800
Max. crushing resistance (N/100mm <sup>2</sup> )	Short term	1000			
	Long term	300			
Min. bending radius (mm)	Short term	20D			
	Long term	10D			
Sheath compound		PE			
Strength member		Steel wire			
Temperature range (C°)	Storage or transportation	-40 to 70			
	Operation	-40 to 70			

**SCHEMATIC DIAGRAMS**

Pre-terminated Outdoor Cable System with Single Fan-out



Pre-terminated Outdoor Cable System with Dual Fan-out



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