

# TACTICAL FIELD DEPLOYABLE FIBER SOLUTIONS

Pre-terminated tactical cable assemblies are offered in standard length options of 200, 300 or 500 meters and pre-coiled onto a ruggedized portable wheel with roller. Available for 4- or 6-Fiber with customer specified fiber mode and choices of different connector interfaces include FC, SC, ST and LC.

## KEY FEATURES :

- Made of tactical fiber optic cable which is oil-resistant, flame-retardant with high tensile and crash resistance
- Comprehensive range of pre-terminated configurations in 4- or 6-Fiber in Singlemode or Multimode
- Various connector interfaces for choices (FC, SC, ST, LC)
- Supplied on high quality portable reel with roller for easy installation and deployment
- Suitable for harsh environments where repeated deployment and retrieval for reuse is needed
- Factory terminated and factory tested to ensure superior optical performance



## Specifications - Cable


Fiber Count Options	4-Fiber	6-Fiber
Outer Diameter (mm)	5.0 ± 0.2	5.5 ± 0.2
Cable Weight	25Kgs/Km	30Kgs/Km
Tight Buffer	900µm	900µm
Tension Load (N)	1300	1500
Crush Resistance (N/10cm)	1000	1100
Impact (N*m)	4.5	4.5
Repeatedly Bending (times)	1000 (R=50mm)	1000 (R=55mm)
Typical Fiber Attenuation (dB/Km)	Singlemode : 1310nm ≤ 0.5dB 1550nm ≤ 0.4dB	Singlemode : 1310nm ≤ 0.5dB 1550nm ≤ 0.4dB
	Multimode : 850nm ≤ 3.2dB 1300nm ≤ 1.0dB	Multimode : 850nm ≤ 3.2dB 1300nm ≤ 1.0dB
Operating Temperature	- 45°C to + 70°C	- 45°C to + 70°C
Compliance	IEC 60332	IEC 60332


## Specifications - Pre-terminated Assemblies & Reel Dimensions


Items & Parameters	Length of Cable Assembly per Drum		
	200 meters	300 meters	500 meters
Reel Diameter (ø in mm)	320	400	450
Frame	Length (mm)	420	480
	Width (mm)	310	360
	Height (mm)	450	500
Overall Weight (Kgs)	4-Fiber Options	12	16.5
	6-Fiber Options	13	18


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## 4-FIBER OPTIONS

FC to FC		
Fiber Mode	Part No. <sup>(1)</sup>	
OS1/2	FP4FCUS1T-xxxM	
OM1	FP4FCPM1T-xxxM	
OM2	FP4FCPM2T-xxxM	
OM3	FP4FCPM3T-xxxM	
OM4	FP4FCPM4T-xxxM	


SC to SC		
Fiber Mode	Part No. <sup>(1)</sup>	
OS1/2	FP4SCUS1T-xxxM	
OM1	FP4SCPM1T-xxxM	
OM2	FP4SCPM2T-xxxM	
OM3	FP4SCPM3T-xxxM	
OM4	FP4SCPM4T-xxxM	


ST to ST		
Fiber Mode	Part No. <sup>(1)</sup>	
OS1/2	FP4STUS1T-xxxM	
OM1	FP4STPM1T-xxxM	
OM2	FP4STPM2T-xxxM	
OM3	FP4STPM3T-xxxM	
OM4	FP4STPM4T-xxxM	


LC to LC		
Fiber Mode	Part No. <sup>(1)</sup>	
OS1/2	FP4LCUS1T-xxxM	
OM1	FP4LCPM1T-xxxM	
OM2	FP4LCPM2T-xxxM	
OM3	FP4LCPM3T-xxxM	
OM4	FP4LCPM4T-xxxM	


[1] "xxx" refers to cable length in meter, please fill up your required length by 3 digits

## 6-FIBER OPTIONS

FC to FC		
Fiber Mode	Part No. <sup>(1)</sup>	
OS1/2	FP6FCUS1T-xxxM	
OM1	FP6FCPM1T-xxxM	
OM2	FP6FCPM2T-xxxM	
OM3	FP6FCPM3T-xxxM	
OM4	FP6FCPM4T-xxxM	

SC to SC		
Fiber Mode	Part No. <sup>(1)</sup>	
OS1/2	FP6SCUS1T-xxxM	
OM1	FP6SCPM1T-xxxM	
OM2	FP6SCPM2T-xxxM	
OM3	FP6SCPM3T-xxxM	
OM4	FP6SCPM4T-xxxM	

ST to ST		
Fiber Mode	Part No. <sup>(1)</sup>	
OS1/2	FP6STUS1T-xxxM	
OM1	FP6STPM1T-xxxM	
OM2	FP6STPM2T-xxxM	
OM3	FP6STPM3T-xxxM	
OM4	FP6STPM4T-xxxM	

LC to LC		
Fiber Mode	Part No. <sup>(1)</sup>	
OS1/2	FP6LCUS1T-xxxM	
OM1	FP6LCPM1T-xxxM	
OM2	FP6LCPM2T-xxxM	
OM3	FP6LCPM3T-xxxM	
OM4	FP6LCPM4T-xxxM	

[1] "xxx" refers to cable length in meter, please fill up your required length by 3 digits