

DEPLOYABLE TACTICAL FIBER OPTIC OUTDOOR CABLE ASSEMBLIES - TRxx



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NEXCONEC[®] Tactical field deployable cable reels offer a convenient method for roll-out and retrieval of fiber optic cable assemblies as well as a range of communications cabling.

Ruggedized Outdoor Armored Flex Cable. Single loose tube up to 12 250micron fibers with aramid strength member. Then in the helical tube and surrounded with metal braiding and PU jacket for high crush resistance for harsh outdoor application.

It is ideal for use in communication, broadcast and pro audio applications. Additionally, extendable pull rod and pulley allows operators to easily rotate reel in deployment or take-up situations and easy transportation and deployment.

FEATURES AND APPLICATIONS

- ✓ Custom ruggedized fiber cable assembly up to 300m
- ✓ Any connector available SC, LC, MPO, ODVA
- ✓ Outdoor rated Flex armored PU jacketed cable
- ✓ Offers excellent handling and protection of cable and assemblies
- ✓ All metal structure and adjustable pull rod & pulley
- ✓ Integrated folding handle offers convenient winding and storage
- ✓ Easy transportation and deployment
- ✓ Industrial networks
- ✓ Broadcast and television networks
- ✓ LAN or Campus Network
- ✓ Mine site and harsh environment cabling
- ✓ Deployable connectivity

CABLE SPECIFICATIONS

Parameters	Unit	Value		
		Armored Patch Cable	Flex Armored PU Cable	Loose Tube Cable
Cable Type		Armored Patch Cable	Flex Armored PU Cable	Loose Tube Cable
Cable Outer Diameter	mm	3.0/3.3	5.0	7.0
Tensile Strength (Long Term)	N	200	200	500
Tensile Strength (Short Term)	N	300	600	1000
Crush Resistance (Long Term)	N/100mm	200	500	200
Crush Resistance (Short Term)	N/100mm	3000	3000	1000
Storage Temperature	°C	-20 ~ +70		
Operating Temperature	°C	-20 ~ +60		
Detailed Cable Specs.	Link	--	Click here	Click here

TACTICAL REELS SPECIFICATIONS

	TACTICAL REEL TYPE					
						
Part Numbers	TR02	TR03	TR05	TR10	TR11	TR12
Reel Material	Metal	Metal	Metal	Metal	Plastic	Metal
With or Without Wheels	Yes	Yes	Yes	Yes	No	Yes
Reel Dimensions (mm)	410x330x450 (W x D x H)	480x355x520 (W x D x H)	510x380x595 (W x D x H)	510x500x595 (W x D x H)	292x240.5x391.7 (W x D x H)	362x290x690 (W x D x H)
Package Dimensions (mm)	450x370x490	520x400x560	550x420x640	550x540x640	360x300x430	400x350x740

Reel Max. Cable Length (meter)	@3.0mm	900	1600	2200	3500	500	700
	@5.0mm	300	600	800	1300	180	400
	@7.0mm	100	260	350	640	50	150
Reel Gross Weight		13 Kgs	16 Kgs	19 Kgs	22 Kgs	2 Kgs	4 Kgs

ORDER INFORMATION

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REELS	1	2	CONNECTOR	3	CABLE TYPE	4	FIBER COUNT	5	FIBER TYPE	6	LENGTH
TR02	S1	S1	SC	A	Armored Patch Cable *		1-12	2D	G652D		Refer to reels spec. above
TR03	S2	S2	SCA	A3	Armored Patch Cable **			A1	G657A1		
TR05	L1	L1	LC	AM	Flex Armored PU ***			A2	G657A2		
TR10	L2	L2	LCA	LT	Loose Tube Cable ***			O1	OM1		
TR11	F1	F1	FC					O2	OM2		
TR12	M3	M3	MPO(Female) Base-12					O3	OM3		
	OVS1	OVS1	ODVA-SC SX					O4	OM4		
	OVS2	OVS2	ODVA-LC DX					O5	OM5		
	OVM3	OVM3	ODVA-MPO(Female) Base-12								

* 3.0mm is for Armored Patch Cable, Simplex

** 3.3mm is for Armored Patch Cable, Duplex

*** 5.0mm & 7.0mm are for fibers from 1FO up to 12FO