

## 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 using 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    | --                  | <a href="#">Click here</a> | <a href="#">Click here</a> |

## 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<br>(W x D x H)  | 480x355x520<br>(W x D x H)  | 510x380x595<br>(W x D x H)   | 510x500x595<br>(W x D x H)  | 292x240.5x391.7<br>(W x D x H)  | 362x290x690<br>(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

|    |   |   |   |   |   |   |      |
|----|---|---|---|---|---|---|------|
| MX | 1 | 2 | 3 | 4 | 5 | 6 | DIST |
|----|---|---|---|---|---|---|------|

| 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