MPS-1800

Optical Cable Payout Reel - 450'

Applications:

- Network Restoration & Troubleshooting
- CATV Remote Site Connections
- OTDR Dead Zone Eliminator
- Military Tactical Links

Features:

- Compact Size / Low Weight
- Deploys Singlemode, Multimode or Hybrid Cable
- Rugged / Field Deployable Design
- Integrated Connector Patch Panel (Optional)

Specifications:

Insertion Loss
UPC or APC: .30 dB typical, .50 dB max

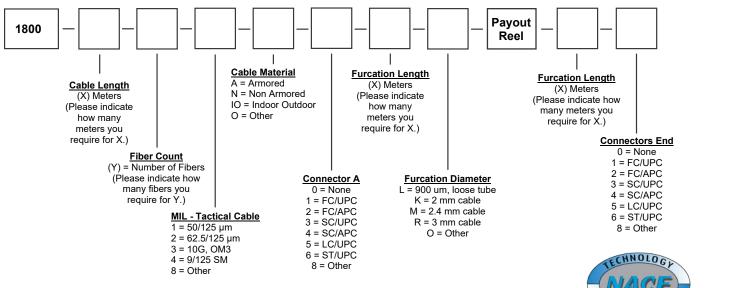**Return Loss**
UPC: > 55 dB
APC: > 65 dB

Endface Geometery
Fiber Height: -50 nm ≤ x ≤ 50 nm
Radius: 7 mm < R < 35 mm
Apex Offset: x < 50 μm

Designed around a heavy-duty, polystyrene carrying spool that can quickly deploy multi-conductor high strength optical cable

The MPS-1800 Optical Cable Payout Reel is a rugged, reel-style, portable optical cable payout system that can be used wherever temporary optical connections are needed. This Optical Cable Payout Reel was originally designed for Military use when a temporary base camp is set up so durability and ease of use were the main concerns. The cable payout reel is designed around a heavy-duty, polystyrene carrying spool that can quickly deploy multiconductor high strength optical cable. Ballistic nylon sleeves protect the optical connectors while you are retracting the cable, so you don't have to worry about damaging or ripping the connectors off. It is compatible with all standard connector types, including standard commercial connectors and circular Military multi-conductor connectors. There are two different ways to interface with the connections on the reel side; A connector plate can be installed which connect to the device with jumper cables or a pigtail which is concealed under a Velcro panel. This reel can be ordered pre-wound with your choice of cable and connectors for a true plug-n-play solution. This model has a maximum payout distance up to 450 feet, depending on the cable specifications.

Part Number Generator

| 1800 | — | ☐ | — | ☐ | — | ☐ | — | ☐ | — | ☐ | — | ☐ | — | Payout Reel | — | ☐ | — | ☐ |

Cable Length
(X) Meters
(Please indicate how many meters you require for X.)

Fiber Count
(Y) = Number of Fibers
(Please indicate how many fibers you require for Y.)

MIL - Tactical Cable
1 = 50/125 μm
2 = 62.5/125 μm
3 = 10G, OM3
4 = 9/125 SM
8 = Other

Cable Material
A = Armored
N = Non Armored
IO = Indoor Outdoor
O = Other

Connector A
0 = None
1 = FC/UPC
2 = FC/APC
3 = SC/UPC
4 = SC/APC
5 = LC/UPC
6 = ST/UPC
8 = Other

Furcation Length
(X) Meters
(Please indicate how many meters you require for X.)

Furcation Diameter
L = 900 um, loose tube
K = 2 mm cable
M = 2.4 mm cable
R = 3 mm cable
O = Other

Furcation Length
(X) Meters
(Please indicate how many meters you require for X.)

Connectors End
0 = None
1 = FC/UPC
2 = FC/APC
3 = SC/UPC
4 = SC/APC
5 = LC/UPC
6 = ST/UPC
8 = Other

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