MPS-1900

Optical Cable Payout Reel - 1,000'

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

Compatible with all standard connector types, including standard commercial connectors and circular Military multi-conductor connectors

The MPS-1900 Optical Cable Payout Reel is a rugged, reel-style, portable optical cable payout system that can be used whenever 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. It is compatible with all standard connector types, including standard commercial connectors and circular Military multi-conductor connectors.

The cable payout reel is designed around a heavy-duty, polystyrene carrying spool that can quickly deploy multi-conductor high strength optical cable. Ballistic nylon sleeves protect the optical connectors while paying-out or retracting the cable, so you don't have to worry about damaging the connectors. There are two different ways to interface with the reel; a connector panel can be installed which connects to your device via standard jumper cables or a pigtail lead which is concealed under a Velcro attached panel. This reel can be ordered with your choice of cable and connectors for a true plug-n-play product.

Part Number Generator

1900	—	☐	—	☐	—	☐	—	☐	—	☐	—	☐	—	☐	—	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
7 = MTRJ
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
7 = MTRJ
8 = Other