

MPS-1800

Optical Cable Payout Reel - 450'



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 multi-conductor 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. For longer distances, please see the MPS-1900 which has a maximum payout of 1000 feet. Bucket-style optical cable payout systems are also available in 450 feet and 1000 feet versions.

Information: Call us toll-free at 888-868-8967 or email info@b2bphotonics.com

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 (opt)

Microwave Photonic Systems, Inc.

1155 Phoenixville Pike, Unit 106, West Chester, PA 19380, Toll-Free: 888-868-8967

Phone: 610-344-7676, Fax: 610-344-7110, E-mail: info@b2bphotonics.com, Internet: b2bphotonics.com

100204 CAGE 1A9M1

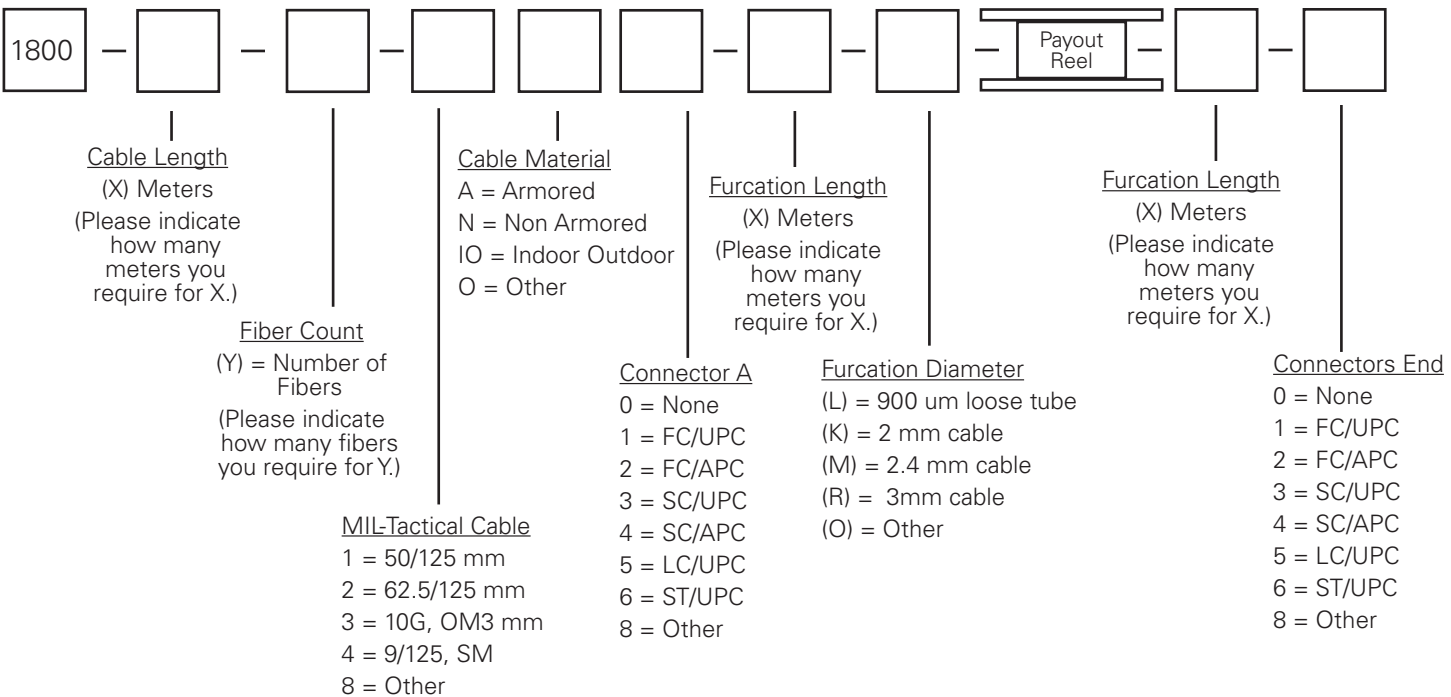
MPS-1800

Optical Cable Payout Reel - 450'

Specifications

- Insertion Loss**
 PC, UPC or APC: .30 dB typical, .50 dB max
- Return Loss (Singlemode Only)**
 UPC: > 55 dB
 APC: > 65 dB
- Endface Geometry**
 Fiber Height: $-50 \text{ nm} \leq x \leq 50 \text{ nm}$
 Radius: $7 \text{ mm} < R < 35 \text{ mm}$
 Apex Offset: $x < 50 \mu\text{m}$

Part Number Generator



Microwave Photonic Systems, Inc.
 1155 Phoenixville Pike, Unit 106, West Chester, PA 19380, Toll-Free: 888-868-8967
 Phone: 610-344-7676, Fax: 610-344-7110, E-mail: info@b2bphotonics.com, Internet: b2bphotonics.com

