

HydraX™ Fiber Optic MPO/MTP Trunk Cable

12–144 Fibers MPO/MTP Connector



Technical Specifications

Fiber Count	8/12F		24F	48F	72F	96F	144F
Cable OD (Approx.)	3.0mm	4.5mm	9.5mm	9.5mm	12.5mm	14.5mm	18.0mm
Connector Insertion Loss -Standard (dB)	12F: MM≤0.50, SM≤0.70		16F: MM≤0.60, SM N/A		24F: MM≤0.50, SM≤1.00		
Connector Insertion Loss - Low Loss (dB)	12F: MM≤0.25, SM≤0.25		16F: MM≤0.35, SM≤0.35		24F: MM≤0.35, SM≤0.35		
Connector Return Loss (dB)	MM≥25, SM/APC≥60						
Fanout Length [*]	500mm						
Fanout OD [*]	3.0mm						
Connector Gender [*]	Female						
Connector Color	MM: OM3 Aqua, OM4 Violet, OM5 Lime Green					SM/APC: Green	
Cable Color	MM: OM3 Aqua, OM4 Violet, OM5 Lime Green					SM: Yellow	

Note: 8/12F cable is available in 3.0 mm single-jacket and 4.5 mm double-jacket versions.

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Product Configuration

Product P/N	Outer Sheath Material [*]	Connector	Flame Retardant Rating	LSOH	Insertion Loss
MPT-a0x1yyyzzzzb	LSOH	MPO	IEC 60332-1	IEC61034-2 IEC60754-1&2	Standard Loss
MPT-a0Rx1yyyzzzzb	OFNR		UL 1666	-	
MPT-a0Px1yyyzzzzb	OFNP		NFPA 262/UL 910	-	
MPT-aA0x1yyyzzzzb	LSOH	MPO/APC	IEC 60332-1	IEC61034-2 IEC60754-1&2	
MPT-aA0Rx1yyyzzzzb	OFNR		UL 1666	-	
MPT-aA0Px1yyyzzzzb	OFNP		NFPA 262/UL 910	-	
MPTU-a0x1yyyzzzzb	LSOH	MTP	IEC 60332-1	IEC61034-2 IEC60754-1&2	
MPTU-a0Rx1yyyzzzzb	OFNR		UL 1666	-	
MPTU-a0Px1yyyzzzzb	OFNP		NFPA 262/UL 910	-	
MPTU-aA0x1yyyzzzzb	LSOH	MTP/APC	IEC 60332-1	IEC61034-2 IEC60754-1&2	
MPTU-aA0Rx1yyyzzzzb	OFNR		UL 1666	-	
MPTU-aA0Px1yyyzzzzb	OFNP		NFPA 262/UL 910	-	

- a 'a' denotes connect fiber count
- x 'x' denotes fiber type
- yyy 'yyy' denotes fiber count
- zzzz 'zzzz' denotes length
- b 'b' denotes polarity
- [*] [*]For special requirements please contact info@hermesys.com