

AT&T CenterLine Fiber Optic MTP Plug & Play

AT&T Advanced Fiber Optic Enclosures (AFOE)

Description

1-2304 fiber 19" ultra high-density LC/MTP cassette-based FO enclosures	
Front-end options	Up to 576 LC or 144 MTP Connectors
Back-end options	Up to 96 MTP connectors
Standard fiber types	OM3, OM4 & ITU-T G.652.D
Optional fiber capacity	144 LC/MTP or 576 MTP/MTP in 1U 288 LC/MTP or 1152 MTP/MTP in 2U 576 LC/MTP or 2304 MTP/MTP in 4U
Panel access	Top and front slide rail
Back Cable Management	Removable tray with strain relief
Front Cord Management	Integrated

Standard & EU Directives Conformance

- Relevant sections of ANSI/TIA/EIA-604 (FOCIS)
- Relevant sections of IEC 60874
- Relevant sections of IEC 61753
- Relevant sections of IEC 61754
- Plastic parts: UL94 V-0 flame test
- EU Directive 2011/65/EU (RoHS-2)

Mechanical Properties and Features

Frame	Aluminum, colored black
Front cover	Removable
Operating temperature	-10 to +60C at 5-85% RH (non condensing)
Storage temperature	-40 to +70C
Plastic parts	High-impact flame retardant Polycarbonate
Port identification	Numbers and stickers



Ordering Information - Blank Panel Frames

Description	Units	Max. Front-end Capacity	Back-end Capacity	Cassette Capacity	Size mm	Packaging	P/N
Blank AFOE Panel Frame	1U	144 LC or 36 MTP	24 MTP	6	44x425x482	1/Box	AFE0244806N-BK1U
Blank AFOE Panel Frame	2U	288 LC or 72 MTP	48 MTP	12	88x425x482	1/Box	AFE0244812N-BK2U
Blank AFOE Panel Frame	4U	576 LC or 144 MTP	96 MTP	24	177x425x482	1/Box	AFE0244824N-BK4U

Transmission Properties

Multimode Cassettes

Code	Cassette Type MTP-LC	Max. Total Cassette IL @850/1300nm (OM3/OM4)
AF0	Standard Loss	0.75 dB
AF1	Low Loss	0.50 dB
AF2	Super Low Loss	0.35 dB
AF3	Super Low Loss Plus	0.30 dB

Code	Cassette Type MTP-MTP	Max. Total Cassette IL @850/1300nm (OM3/OM4)
AF0	Standard Loss	1.00 dB
AF1	Low Loss	0.70 dB
AF2	Super Low Loss	0.50 dB
AF3	Super Low Loss Plus	0.40 dB

Singlemode Cassettes

Code	Cassette Type MTP/APC-LC/UPC/APC	Max. Total Cassette IL @1310/1550nm	Min. RL @1310/1550nm
AF0	Standard Loss	1.00 dB	MTP/APC: 65 dB LC/UPC: 55 dB LC/APC: 65 dB
AF1	Low Loss	0.65 dB	
AF2	Super Low Loss	0.45 dB	
AF3	Super Low Loss Plus	0.35 dB	

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