



Integrated mounting clip

ASCEND® Trunk Cable Assemblies

ASCEND trunk cable assemblies provide a high performance plug-and-play solution for premise installations where space is a premium.

The small-diameter MicroCore® cable construction provides industry leading fiber density and offers the installer many advantages over traditional cable options – higher tolerance to bends during and after installation; requires less space in cable trays, raceways, ducts and conduits; and enables more efficient airflow in congested, high density cabling applications.

ASCEND trunk cable assemblies feature the MTP® PRO* connector on multimode assemblies which allows for field-reversible polarity and gender with no housing removal, exposed fibers, or loose pins. All trunk cable assemblies have a predefined breakout length which eliminates guesswork and guarantees a clean and well-organized installation.

ASCEND trunk cable assemblies also include an integrated cable mounting clip, or "Outback Clip (OBC)" which mates directly with the trunk cable management area in the rear of all ASCEND housings. There are two Outback Clip options: the "Rock and Lock" which mates to the housing using a lever, and the "Hook and Loop" which mates to the housing using Velcro®. These clips eliminate the need for additional cable clamps and securely position the incoming cable while eliminating unwanted stress during installation.

NOTE: A separate external cable mounting bracket is required if non-ASCEND cable assemblies are going to be installed in ASCEND Fiber Housings.

Features

- 12-288 fibers in BASE-8 and BASE-12 configurations
- SM, MM (OM3) and MM (OM4)
- Bend-insensitive fiber (G.657.A1)
- Reduced-diameter MicroCore® cable with 2.0 mm subunits (up to 144)
- Plenum or LSZH options available
- Low loss MTP® PRO* connectors with field-reversible polarity and gender
- Single-mode terminations provided with Elite® performance
- Integrated cable mounting clip eliminates the requirement for external clamps for all ASCEND housings
- Pulling eye option available

Applications

- Data Centers
- Central Offices
- Headends
- Structured Cabling Networks

* MTP® PRO connectors are a trademark of US Conec (For MM connectors only)

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Specifications

CONNECTOR	Connector Ordering Code	Connector Housing Color	Fiber Type	Cable Jacket Color	IL (Typical dB)	IL (MAX. DB)	Reflectance (Typical dB)
8F MTP Elite (unpinned)	EEF	Yellow	Single-mode G.657.A1 (BIF)	Yellow	0.1	0.35	-60
8F MTP Elite (pinned)	EEM	Yellow	Single-mode G.657.A1 (BIF)	Yellow	0.1	0.35	-60
8F MTP Pro (unpinned)	PFEF	Aqua	50 μm OM3, OM4	Aqua	0.1	0.35	-20
8F MTP Pro (pinned)	PFEM	Aqua	50 μm OM3, OM4	Aqua	0.1	0.35	-20
12F MTP Elite (unpinned)	ETF	Yellow	Single-mode G.657.A1 (BIF)	Yellow	0.1	0.35	-60
12F MTP Elite (pinned)	ETM	Yellow	Single-mode G.657.A1 (BIF)	Yellow	0.1	0.35	-60
12F MTP Pro (unpinned)	PFTF	Aqua	50 μm OM3, OM4	Aqua	0.1	0.35	-20
12F MTP Pro (pinned)	PFTM	Aqua	50 μm OM3, OM4	Aqua	0.1	0.35	-20

Ordering Information

CONNECTOR END A — **CONNECTOR END B** — **CABLE TYPE** — **FIBER COUNT** — **FIBER TYPE** — **CABLE LENGTH** — **PULLING EYE** — **POLARITY** — **OBC** — **BASE SELECTION** — **PLATFORM**

ETF — **ETF** — **PL** — **012** — **Q** — **0001** — **PA** — **MF** — **RS** — **12** — **ASCEND**

EEF = MPO-SM Elite, 8 fiber, Female
 EEM = MPO-SM Elite, 8 fiber, Male
 PFEF = MTP PRO-MM, 8 fiber, Female
 PFEM = MTP PRO-MM, 8 fiber, Male
 ETF = MPO-SM Elite, 12 fiber, Female
 ETM = MPO-SM Elite, 12 fiber, Male
 PFTF = MTP PRO-MM, 12 fiber, Female
 PFTM = MTP PRO-MM, 12 fiber, Male
 XXX = No Connector (Pigtail)

Options for Trunk & Pigtail Assemblies:
 PL = Plenum MicroCore (250 μm)
 P4 = 4.8 mm Plenum MicroCore (for 12F cables only)
 GE = LSZH MicroCore (250 μm)
 Options for Pigtail Assemblies Only:
 GQS = 2.0 mm Plenum MicroCore (SWR)
 GES = 2.0 mm LSZH MicroCore (SWR)

008 = 8
 012 = 12
 024 = 24
 048 = 48
 072 = 72
 096 = 96
 144 = 144
 288 = 288

Q = Single-mode G.657A BIF
 L = Multimode OM3
 C = Multimode OM4

XXXX = Meters
 XXXXFT = Feet

N = No Pulling Eye
 PA = Pulling Eye End A
 PB = Pulling Eye End B
 PC = Pulling Eye Both Ends

MF = Method F
 MA = Method A

HM = Hook & Loop OBC, Mixed
 HS = Hook & Loop OBC, Small
 HL = Hook & Loop OBC, Large
 RS = Rock & Lock*, Small
 NC = Spool Only
 Blank = Standard OBC

08 = BASE-8
 12 = BASE-12

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*** NOTE** – The "Rock and Lock" mounting clip is only available for trunk cable diameters up to 13 mm and will come standard on trunk cables with fiber counts up to 288. The "Hook and Loop" mounting clip is available by request only.

Qualifications

GOVERNING BODY	STANDARD CODE	COMPONENT
ITU	G.657.A1	Single-mode optical fiber only
Telcordia	GR-326/GR-1435	Connectors
	GR-409-CORE	Cable
EIA/TIA	568-A	Cable
RoHS	Compliant	Cable