Indoor/Outdoor & OSP Multifiber Trunks

MADE IN THE USA

OVERVIEW

NetSource Indoor/Outdoor and Outside Plant (OSP) Multifiber Trunk Cable Assemblies provide reliable fiber optic connectivity for broadband, telecommunications, wireless, and enterprise networks. Designed for applications ranging from outside plant distribution and building-to-building connectivity to equipment rooms and data centers, these assemblies offer versatile solutions for connecting fiber optic infrastructure. Available in armored and non-armored configurations, with a range of fiber counts, cable constructions, and connector options, they simplify deployment and reduce field installation labor.

GENERAL SPECIFICATIONS

- **Fiber Count:** 6, 12, 24, 48, 72, 96, 128, 144, and 288 fibers
- **Connector Type:** LC and SC, UPC or APC
- **Fiber Type:** Singlemode OS2; Multimode OM1, OM2, OM3, OM4, and OM5
- **Cable Configuration:** Indoor/Outdoor, Outside Plant (OSP)
- **Cable Construction:** Loose Tube, Ribbon, or Tight-Buffered
- **Cable Protection:** Armored or Non-Armored
- **Jacket Material:** OFNR, OFNP, LSZH, or PE
- **Breakout Jacket:** 900 µm, 2.0 mm, or 3.0 mm
- **Pulling Grip:** Optional



Indoor/Outdoor Multifiber Trunk Assembly

OPTICAL PERFORMANCE

Fiber Type	Insertion Loss - Standard	Insertion Loss - Low Loss	Return Loss
Singlemode	≤0.25 dB	—	UPC: ≤-57 dB APC: ≤-65 dB
Multimode	≤0.25 dB	≤ 0.15 dB	≤-30 dB

BABA-compliant configurations available.
Contact NetSource for applicable part numbers and compliance documentation.

Rev. 00 | 11/11/2026

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CONFORMANCE

- **ANSI/ICEA S-104-696:** Indoor/Outdoor Optical Fiber Cable
- **Telcordia GR-20:** Outside Plant Fiber Optic Cable Requirements
- **ANSI/TIA-568.3:** Optical Fiber Cabling and Components
- **RoHS/REACH**
- **RUS/RDUP**

PART NUMBERS

HE	# of Fibers	Fiber Type	Cable Configuration*	Connector A	BO A	OD A	Connector B	BO B	OD B	Length
	06 12 24 48 72 96 128 144 288	SM: Singlemode 62: OM1 XG: OM3 4G: OM4	OA: OSP Armored O1: OSP All-Dielectric IO: Indoor/Outdoor IA: Indoor/Outdoor Interlocking Armored IT: Indoor/Outdoor Armored	LC: LC/UPC LA: LC/APC SC: SC/UPC SA: SC/APC	T: 12 in U: 18 in V: 24 in	2: 2.0 mm 3: 3.0 mm 9: 900 µm	LC: LC/UPC LA: LC/APC SC: SC/UPC SA: SC/APC	T: 12 in U: 18 in V: 24 in	2: 2.0 mm 3: 3.0 mm 9: 900 µm	XXXFT XXXM

*All configurations use 250 µm fiber. For ribbon options, contact our sales team.

Note: For additional configurations, available options, or compliance documentation, please contact NetSource Sales.

Example: HE24SMOASAT2-150FT

24-Fiber OS2 / OSP Armored / SC/UPC Pigtail with 12" Breakout / 2 mm Breakout Jacket / 150 ft

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Rev. 00 | 11/11/2026