



# Singlemode Indoor/Outdoor Trunk Assemblies

iFiber Optix offers the most complete line of connectors and factory-terminated cables, from single-fiber jumpers to high-fiber-count assemblies. As the industry's leading supplier of cable assemblies, iFiber Optix' state-of-the-art manufacturing process ensures unsurpassed connector performance with products that meet or exceed all industry standards for back reflection and insertion loss. All fiber assemblies are thoroughly screened in a carefully monitored process, and quality tested at the end. This assembly and polishing process ensures the same outstanding quality in every connector.

Controlling connector end-face geometry is key to ensuring network reliability. Radius of curvature describes the radius of the end-face surface measured from the ferrule axis. The correct radius of curvature is necessary to control the compressive forces on the connector end-face. Radius of curvature values between 10 to 30 mm are recommended to avoid fiber damage and to ensure low reflectance and insertion loss.



## Single Mode I2753 Series Ordering Information

<u>I2753</u>	<u>12</u>	<u>A</u>	<u>9</u>	<u>18N</u>	<u>IOA</u>	<u>140</u>	<u>F</u>	<u>PE</u>
Fiber Glass	Fiber Glass	Connector	Furcation	Breakout	Application	Length	U/M	Options
I2753 = SM 8.33µm	2 = 2 Fiber 6 = 6 Fiber 12 = 12 Fiber 24 = 24 Fiber 36 = 36 Fiber 72 = 72 Fiber 96 = 96 Fiber 144 = 144 Fiber	A = LC-LC B = LC-ST C = LC-SC D = LC-FC E = LC-SC/APC F = LC-FC/APC J = LC-LC/APC N = FC-ST O = FC-SC P = FC-LC/APC R = FC-FC	9 = 900µm 2 = 2mm 3 = 3mm 12 = 1.2mm 16 = 1.6mm	18N = 18 in. 24N = 24 in. 30N = 30 in. 36N = 36 in. 48N = 48 in. 60N = 60 in. 72N = 72 in.	IO = Indoor/Outdoor TB IOA = In/Outdoor Interlocking Armored	N = Inches F = Feet M = Meters		PE = Pulling Eye 1 PE2 = Pulling Eye 2 SPL = Spool PIG = Pigtail NS = Node Service

I2753 - 12A - 918N - IOA - 140F - PE

LC-LC SM 12-Fiber 140 feet 8.33µm Indoor/Outdoor Armored with 18 inch breakout with 900µm leads with pulling eye on one end.

## Single Mode I2750 Series Ordering Information

<u>I2750</u>	<u>12</u>	<u>A</u>	<u>9</u>	<u>18N</u>	<u>IOA</u>	<u>140</u>	<u>F</u>	<u>PE</u>
Fiber Glass	Fiber Glass	Connector	Furcation	Breakout	Application	Length	U/M	Options
I2750 = SM 8.33µm	2 = 2 Fiber 6 = 6 Fiber 12 = 12 Fiber 24 = 24 Fiber 36 = 36 Fiber 72 = 72 Fiber 96 = 96 Fiber 144 = 144 Fiber	A = ST-ST C = ST-SC E = SC-SC/APC F = SC-SC	9 = 900µm 2 = 2mm 3 = 3mm 12 = 1.2mm 16 = 1.6mm	18N = 18 in. 24N = 24 in. 30N = 30 in. 36N = 36 in. 48N = 48 in. 60N = 60 in. 72N = 72 in.	IO = Indoor/Outdoor TB IOA = In/Outdoor Interlocking Armored	N = Inches F = Feet M = Meters		PE = Pulling Eye 1 PE2 = Pulling Eye 2 SPL = Spool PIG = Pigtail NS = Node Service

I2750 - 12A - 918N - IOA - 140F - PE

ST-ST SM 12-Fiber 140 feet 8.33µm Indoor/Outdoor Armored with 18 inch breakout with 900µm leads with pulling eye on one end.

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