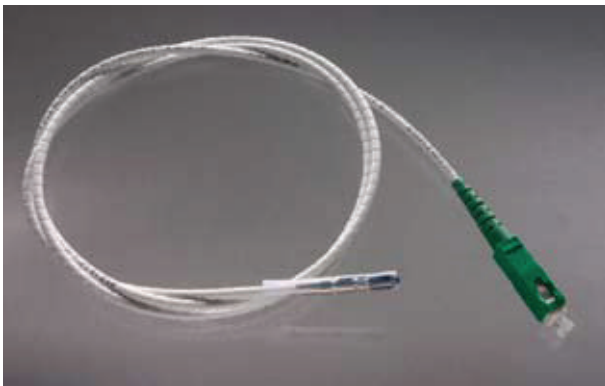


MiniFlex™ Fiber Cable - QuikPush



Miniflex™ Fiber Cable - QuikPush is made from crush resistant hard plastic, designed to allow pre-terminated cable to be routed in the field without the need for a splice. QuikPush connectors use a slimline, pushable pre-terminated ferrule with a self-assembly SC Connector.

Quick and easy to assemble, it requires no expensive equipment or messy splices. The Miniflex™ cable ensures the fiber is fully protected yet ultra flexible.



Advantages

- One of the only pre-connectorized double-ended cables that can be routed through Microduct
- Low smoke, zero halogen (LSZH) & UV stabilized version also available
- Features Miniflex™ technology
- Industry standard SC Connector
- Rapid, simple self-assembly & connection - 2 clicks and go
- Lightweight
- Grooving increases flexibility for a given strength
- Very high crush resistance
- Uses industry-standard fiber
- Ultra tough
- Ultra low friction coating aiding fiber install
- Class-leading push and blow ability

Compatibility List

Miniflex™ Fiber Cable - QuikPush is compatible with:

- Industry standard push-fit connectors
- Compatible with Microduct

Applications

- FTTH/FTTX - Outdoor
- Data Infrastructure
- FTTH/FTTX - Indoor
- Broadband Networks

MATERIAL APPLICATIONS

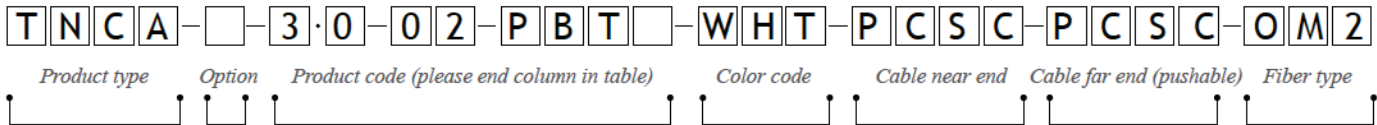
Material	Property	Best for...	Color
PBT	Hardest & toughest outdoor material, some UV resistance	All general applications	BLK, WHT
PA12	(Nylon) Hardest & toughest indoor material, European LSZH	Frequently accessed ODFs needing extra protection	WHT
MDPE	Standard cable jacket material	Aerial	BLK
HDPE	Harder & denser than MDPE	Direct bury	ORG
PVDF	Used for indoor & outdoor applications. Meets US fire ratings (OFNR)	Indoor use especially building risers	WHT
PP	Basic most cost effective grade	Protecting fiber in cabinets	ALL
PEMX	Specialized LSZH & riser material	Indoor use especially building risers	WHT, BLK
ISO9001 Production, REACH, ROHS, Certificate of Origin			

MiniFlex™ Fiber Cable - QuikPush



A BELDEN BRAND

Enquiry Information: Code Builder



Product Type	Color Code	Cable - Near End	Cable - Far End	Fiber Type
TNCA = Miniflex™ Fiber Cable	(check availability)	APSC = Angle polished SC	APSC = Angle polished SC	OS1 OM2
	AQU = Aqua	PCSC = Plain polished SC	PCSC = Plain polished SC	OS2 OM3
Option	WHT = White	APLC = Angle polished LC	APLC = Angle polished LC	OM1 OM4
A = Aramid	BLK = Black	PCLC = Plain polished LC	PCLC = Plain polished LC	
W = Water Blocking Yarn	CLR = Clear	APFC = Angle polished FC		
	RED = Red	PCFC = Plain polished FC		
Unique Product Code	BLU = Blue			
e.g. 3.0-02-PBT	YEL = Yellow			
(end column)	GRN = Green			
	ORG = Orange			

Miniflex™ Fiber Cable - QuikPush Product List

Material	Fiber Count	Fiber Type	OD (mm)	Crush (n)	Tension (n)	Nominal Weight (kg/km)	Install Temp (Celsius)	Product Code
PBT	1	OS2, OM1, OM2, OM3, OM4	3.0	950	100	8.1	-10 to +60	3.0-01-PBT
	2	OS2, OM1, OM2, OM3, OM4	3.0	950	100	8.1	-10 to +60	3.0-02-PBT
PBT	1	OS2, OM1, OM2, OM3, OM4	4.0	650	100	11	-10 to +60	4.0-01-PBT
	2	OS2, OM1, OM2, OM3, OM4	4.0	650	100	11	-10 to +60	4.0-02-PBT
PBT	1	OS2, OM1, OM2, OM3, OM4	5.0	1400	100	13.6	-10 to +60	5.0-01-PBT
	2	OS2, OM1, OM2, OM3, OM4	5.0	1400	100	13.6	-10 to +60	5.0-02-PBT
PA12	1	OS2, OM1, OM2, OM3, OM4	3.0	650	100	7.5	-20 to +60	3.0-01-PA12
	2	OS2, OM1, OM2, OM3, OM4	3.0	650	100	7.5	-20 to +60	3.0-02-PA12
PA12	1	OS2, OM1, OM2, OM3, OM4	4.0	550	100	7.7	-20 to +60	4.0-01-PA12
	2	OS2, OM1, OM2, OM3, OM4	4.0	550	100	7.7	-20 to +60	4.0-02-PA12
PA12	1	OS2, OM1, OM2, OM3, OM4	5.0	1000	100	11	-20 to +60	5.0-01-PA12
	2	OS2, OM1, OM2, OM3, OM4	5.0	1000	100	11	-20 to +60	5.0-02-PA12
PVDF	1	OS2, OM1, OM2, OM3, OM4	4.0	250	100	11.1	-20 to +60	4.0-01-PVDF
	2	OS2, OM1, OM2, OM3, OM4	4.0	250	100	11.1	-20 to +60	4.0-02-PVDF
PP	1	OS2, OM1, OM2, OM3, OM4	3.0	500	100	4.5	-20 to +60	3.0-01-PP
	2	OS2, OM1, OM2, OM3, OM4	3.0	500	100	4.5	-20 to +60	3.0-02-PP
PP	1	OS2, OM1, OM2, OM3, OM4	4.0	550	100	6.5	-20 to +60	4.0-01-PP
	2	OS2, OM1, OM2, OM3, OM4	4.0	550	100	6.5	-20 to +60	4.0-02-PP
PP	1	OS2, OM1, OM2, OM3, OM4	5.0	800	100	10	-20 to +60	5.0-01-PP
	2	OS2, OM1, OM2, OM3, OM4	5.0	800	100	10	-20 to +60	5.0-02-PP

MiniFlex™

Fiber Cable - QuikPush



Transmission Performance Specifications

Singlemode Fiber

For Singlemode (OS2) G652D and G657 we only use tier 1 sourced fiber.

Multimode Fiber

Core diameter	50 micron	Buffer / acrylate diameter	250 micron		
Cladding diameter	125 micron	Maximum Attenuation at 850 / 1300 nm	< 3.5 / 1.0 dB/km		
Fiber Type	WaveLength (nm)	Minimum Overfilled Launch Bandwidth (MHz*km)	Minimum Effective Modal Bandwidth (MHz*km)	Serial 1 Gigabit Ethernet Distance (m)	Serial 10 Gigabit Ethernet Distance (m)
OM1	850/1300	200/500	220/ -	300/550	33/ -
OM2	850/1300	700/500	950/ -	750/600	150/ -
OM3	850/1300	1500/500	2000/ -	1000/600	300/ -
OM4	850/1300	3500/500	4700/ -	1000/600	550/ -
Operation Temp. Range		-40°C to +70°C (-40°F to +158°F)			

Options: Aramid can be added to improve tensile characteristics

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