Detailed Specifications & Technical Data

BELDEN
SENDING ALL THE RIGHT SIGNALS

TFxxxx   Cable Assemblies – FiberExpress Field Termination

For more information please call
1-800-Belden1

Description:

FiberExpress, Cable Assembly, Field Termination

Usage(Overall):

Suitable Applications:	Data Centers, Main Equipment Rooms,Telecommunications Rooms and Work Area
Related Parts:	FiberExpress Adapter Strips, FiberExpress Manager Modules and FiberExpress Ultra Frames and Cassettes. Workstation Oultlets

PHYSICAL   CHARACTERISTICS (CONNECTIVITY):

Materials: (numbering chart)

TF FX Field Termination	Fiber Type	Connectors	Cable Type	Family	Packaging
TF	3	LC	900	P	S01

1 OM1	LC LC Simplex	900 Tight Buffer	P Fusion Pigtails	S01 Single Pack
2 OM2	SC SC Simplex			R12 Rainbow 12 Pk
3 OM3	ST ST			
4 OM4	FC FC			
S OS2				

Wiring Scheme:	TIA/EIA 568-C.3
Packaging	Individually packaged in a clear plastic bag.

MECHANICAL SPECIFICATION

Fiber Cable Type	Max. Tension (N)		Max. Crush Resistance (N/100)	
	Short-Term	Long- Term	Short-Term	Long- Term
900 Tight Buffer Pigtail	30	20	100	50

OPTICAL CHARACTERISTICS (FINISHED PRODUCT TEST)

Type	OM1	OM2	OM3	OM4	OS2
Insertion Loss	$\leqslant$ 0.3dB @ 850nm	$\leqslant$ 0.3dB @ 850nm	$\leqslant$ 0.3dB @ 850nm	$\leqslant$ 0.3dB @ 850nm	$\leqslant$ 0.3dB @ 1310nm
Return Loss	$\geqslant$ 25dB @ 850nm	$\geqslant$ 25dB @ 850nm	$\geqslant$ 25dB @ 850nm	$\geqslant$ 25dB @ 850nm	$\geqslant$ 50dB @ 1310nm

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APPLICABLE STANDARD & ENVIROMENTAL PROGRAMS:

Telecommunication Standards:	TIA 568-C.3
EU RoHS Compliant (Y/N)	Y
EU RoHS Compliance Date	Mar 2008

SOME STANDARD PRODUCTS WITH DESCRIPTION:

Item*	Description	Cable Colour*	Length
TF4LC900PS01	FIBEREXPRESS SIMPLEX PIG TAIL, LC-OPEN SIMPLEX, MULTIMODE OM4	Erica Violet	2m
TF3LC900PS01	FIBEREXPRESS SIMPLEX PIG TAIL, LC-OPEN SIMPLEX, MULTIMODE OM3	Aqua	2m
TFSLC900PS01	FIBEREXPRESS SIMPLEX PIG TAIL, LC-OPEN SIMPLEX, SINGLEMODE OS2	Yellow	2m
TF4SC900PS01	FIBEREXPRESS SIMPLEX PIG TAIL, SC-OPEN SIMPLEX, MULTIMODE OM4	Erica Violet	2m
TF3SC900PS01	FIBEREXPRESS SIMPLEX PIG TAIL, SC-OPEN SIMPLEX, MULTIMODE OM3	Aqua	2m
TFSSC900PS01	FIBEREXPRESS SIMPLEX PIG TAIL, SC-OPEN SIMPLEX, SINGLEMODE OS2	Yellow	2m

Note: * The product numbers in the Item are just example for the part number assignation, the full series code can be assigned as per the number chart

accordingly. Blue colour for single mode fiber connector and Beige for multi mode fiber connector.

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