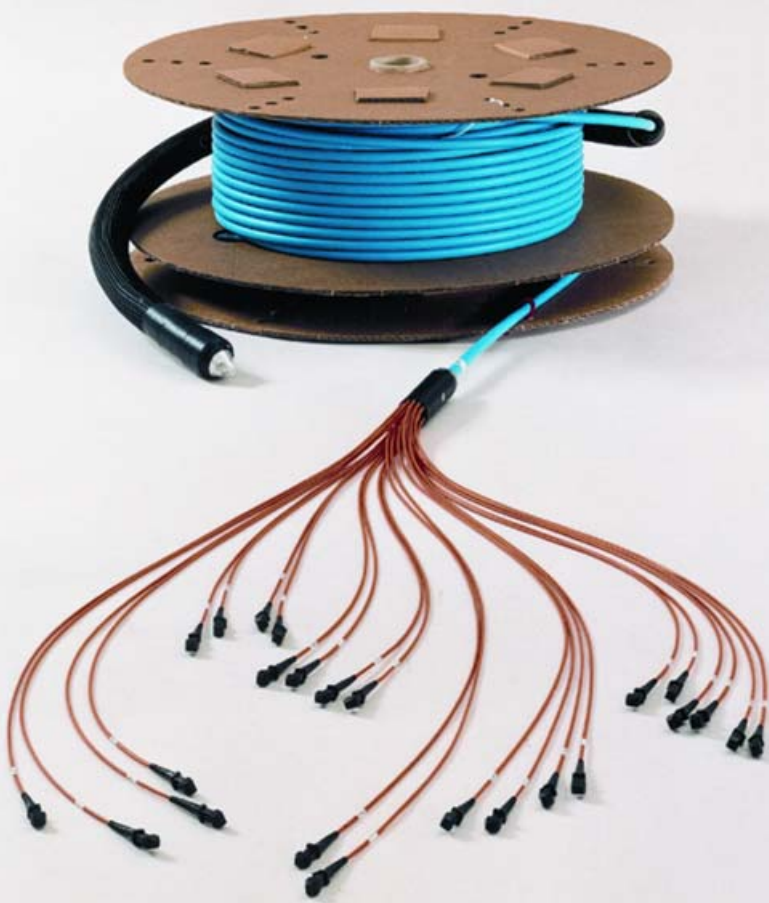


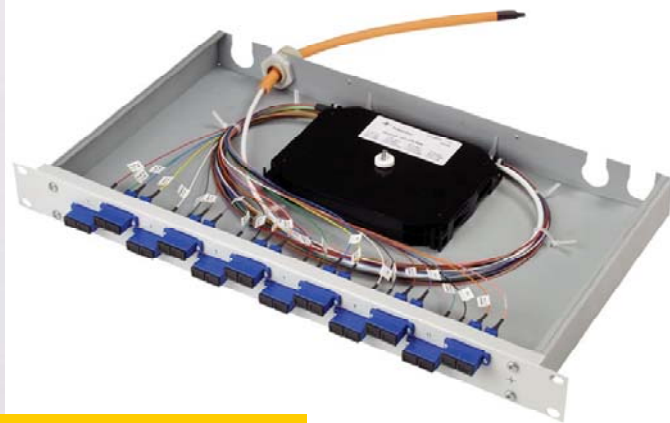
TICNet Preconfigured Fibre Optic Link

Industrial fibre optic cable assembly ready for installation



TICNet Preconfigured Fibre Optic Link makes installation faster and easier. **Quality** of installation is usually **improved** due to the fact that **TICNet** cable assemblies are manufactured in **controlled** environment at **Telegärtner** factory. The cable assembly is delivered **ready** for installation with **drum** (or coil depending on cable type/lenght), **cable pulling tube** and **fibre protection**. Each fiber from breakout point have 3mm jacket.

TICNet can be installed **indoor or outdoor** depending on cable type, it is Flame Retardent and Low Smoke Zero Halogen (**LSZH**).



Specifications :

- 2 - 4 - 6 - 8 - 12 - 24 fibres
- MultiMode 50/125 (OM1-3)
- MultiMode 62.5/125
- SingleMode 9/125
- Optional lenght from 10-1000m
- Optional connectors in each end (ST, SC, LC, MTRJ, E2000)
- Fibre protection both ends
- Cable pulling tube one end
- 3mm jacket for each fibre



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Technical data :









TICNet cable

TICNet cable assembly is based on Belden cable. It is available in multimode (50/125 and 62.5/125um) and singlemode (9/125um), loose tube cable is also available as 50/125um OM3. Cable is low smoke zero halogen type (LSZH). Detailed spec is available on separate datasheet.

Cable type	Construction	Environment	Diameter	Bending radius	Fibre types	
2-fibres	Breakout mini	Indoor	4.5x2.6mm	26/45mm	MM (MTRJ)	Breakout Mini type 
2-fibres	Breakout	Indoor	6.3x3.8mm	38/63mm	MM, SM	Breakout type 
4-fibres	Breakout	Indoor	7.5mm	75mm	MM	
6-fibres	Breakout	Indoor	9.5mm	95mm	MM	
8-fibres	Breakout	indoor	11mm	110mm	MM	
12-fibres	Breakout	Indoor	12mm	120mm	MM, SM	
4-fibres	Loose tube	Indoor/outdoor	7.4mm	74mm	MM	Loose tube type 
6-fibres	Loose tube	Indoor/outdoor	7.4mm	74mm	MM	
8-fibres	Loose tube	Indoor/outdoor	7.4mm	74mm	MM	
12-fibres	Loose tube	Indoor/outdoor	7.4mm	74mm	MM, SM	
24-fibres	Loose tube	Indoor/outdoor	10.5mm	105mm	MM, SM	

TICNet connector

TICNet cable assembly is based on Telegärtner connectors. They are available in multimode (50/125 and 62.5/125um) and singlemode (9/125um), singlemode is also available with AP (SC and E2000 only).

Connector	Fibres per connector	Available fibre types (um)	
ST	1	9/125, 50/125 OM1/OM3, 62.5/125	 ST  SC Simplex  SC Duplex (with clamp)  SC Duplex  LC Simplex  LC Duplex  MTRJ  E2000
SC Simplex	1	9/125, 9/125 APC, 50/125 OM1/OM3, 62.5/125	
SC Duplex	2	9/125, 9/125 APC, 50/125 OM1/OM3, 62.5/125	
LC Simplex	1	9/125, 50/125 OM1/OM3, 62.5/125	
LC Duplex	2	9/125, 50/125 OM1/OM3, 62.5/125	
MTRJ	2	50/125 OM1/OM3, 62.5/125	
E2000	1	9/125, 9/125 APC, 50/125 OM1/OM3, 62.5/125	

TICNet part number

Part number consist of cable type, connectors and total lenght including 0.5m split at both ends.

Fibre type (um)	Part number	Cable type	Part number
62.5/125	M1	Breakout Mini (for MTRJ)	M
50/125 OM1	M2	Breakout	B
50/125 OM3	M3	Loose tube	L
9/125	M4		

Example 1: 2-fibre TICNet cable assembly with 2xLC one end and 1xMTRJ other end, cable type 50/125 breakout mini, lenght 10m. No fibre protection or pulling tube.

Part number : T-M02LC/MTRJM2-010

Example 2: 12-fiber TICNet cable assembly with 12xSC one end and 12xE2000 other end, cable type 9/125 loose tube, lenght 100m. Fibre protection both ends and cable pulling tube one end.

Part number : T-L12SC/E2000M4-100

