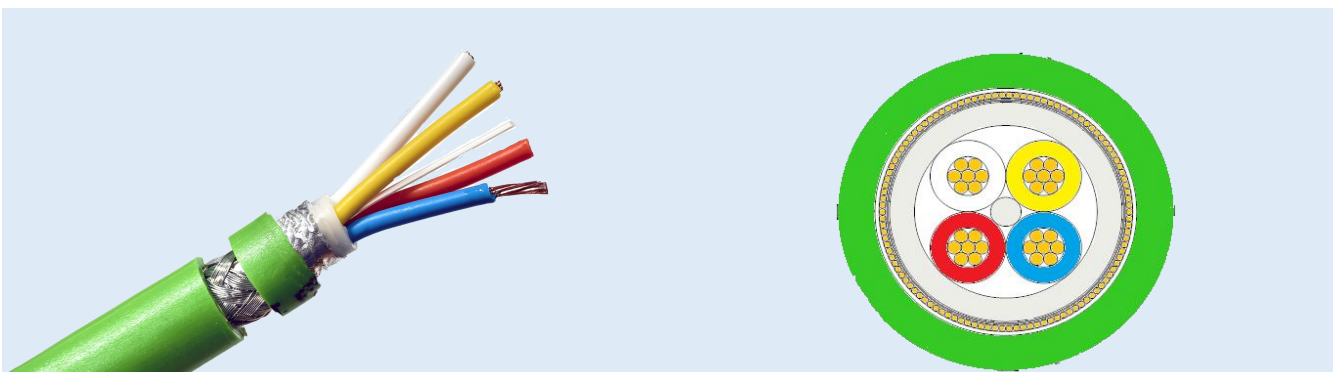


SFUTP Cat5e 4C Profinet Cable



Application

Applied in industrial automation, industrial robots, and transportation

Technical Data

Reference standard: ISO/IEC 11801-1:2017(Ed. 1.0), TIA-568.2-D:2018

Temperature range: - 40 ~ 80 °C

Bending radius: 5 x O.D. (fixed)

Construction	Material	Diameter (mm)
Conductor:	Bare Copper	0.254±0.01×7
Insulation:	HDPE	1.4±0.1
Inner Jacket:	TPE	4.4±0.10
Shielded:	Al-Pet	≥ 115%
Braiding:	Tinned Copper	0.12±0.008×16×8
Tape	Non Woven Tape	≥ 115%
Jacket:	PUR	6.7±0.2

Transmission Performance

Impedance: 100+/-15Ω

Insertion Loss:

Frequency (MHz)	4	10	16	31.3	62.5	100
Limit (dB/m)	6.0	9.5	12.1	17.1	24.8	32.0

Return Loss:

Frequency (MHz)	4	10	16	31.3	62.5	100
Limit (dB)	23.0	25.0	25.0	23.6	21.5	20.1

NEXT:

Frequency (MHz)	4	10	16	31.3	62.5	100
Limit (dB)	56.3	50.3	47.2	42.9	38.4	35.3