

F-UTP – 6A 4x2AWG23/1 LSZH (B2CA)



DESIGN

Conductor
Solid Bare Copper

Drain Wire
Tinned Copper

Insulation
Polyethylene (PE) With a Diameter of $1,15 \pm 0,05$ (mm)

Twisted conductors in pairs , corded on a helical separator

Taping Shield
Aluminium / PET foil

Sheath Colour
Green RAL 6018

Material
Halogen-free LSZH TI7



Pairs Colours Brown – White/Brown
Blue - White/Blue
Green – White/Green
Orange – White/Orange

APPLICATIONS

Foil shielded twisted pair cable for Cat. 6A networks (up to 550 MHz). Suitable for installations in public buildings such as hospitals, airports, malls, in vertical bundle mounting

TECHNICAL DATA

Conductor Loop Resistance	140 Ohm/Km
Mutual Capacity C1	56 pF/m
Velocity Ratio	69%
Voltage Rating Uo/U	0 V
Test Voltage	2000 V (AC)
Temperature Range (Fixed installation)	-15°C / + 70°C
Minimum Bending Radius (Fixed installation)	10 x Diameter
Fire Behaviour (According to EN 50575)	B2CA-s1ad0a1

Frequency (Mhz)	1.0	4.0	10.0	16.0	20.0	31.3	62.5	100	200	250	500
Attenuation (Db)	2.1	3.8	5.9	7.5	8.4	10.5	15.0	19.1	27.6	31.1	45.3
NEXT (Min. dB)	74.3	65.3	59.3	56.2	54.8	51.9	47.4	44.3	39.8	38.3	33.8

DIMENSION

Part Number	Cross Section	Construction Conductor	Resistance	Diameter	Weight	Drain Wire Construction
	(mm ²)	(mm)	(MΩ/km)	(mm)	(Kg/Km)	(n x mm)
18060	4x2xAWG23/1	1x0.60	>20	7,50 ± 0,10	103	1x0.40

** The product and information presented in this document are for calculation only and subject to technical progress. Outer diameters are approximately **