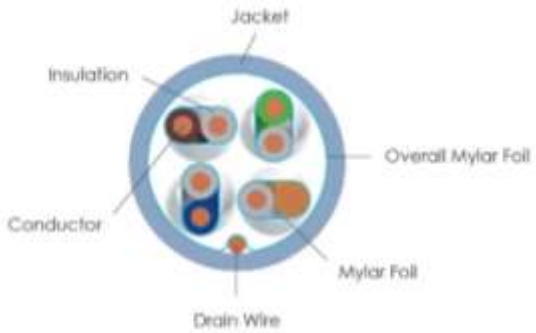
VOYGAR
QUALITY IS OUR CONCERN

VOYGAR CAT6A FTP 23AWG, CABLE





Features

Ideal solution for 10 Gigabit Ethernet
Individual pair shielding or special designed filler to provide EMI protection
Provides positive PSACR beyond 500MHz for higher available bandwidth
Every master reel is tested to ensure electrical performance compliance

Physical Specifications

Conductor:

AWG	23
Material	Copper

Insulators:

Diameter	1.03 mm
Material	PE

Jacket:

Material	PVC/LSZH
Colour	White/Grey/Red/Blue/Orange

Dimensions

Cable Length	305/500 m
Diameter over Jacket, maximum	7.59 mm

Electrical Specifications

ANSI/TIA Category	6A
Operating Frequency, maximum	500 MHz
Operating Voltage, maximum	80 V
Transmission Standards	ANSI/TIA-568-C.2 ISO/IEC 11801 Class EA
DC Resistance (Ω/100m)	≤ 9.38
DC Conductor Resistance Unbalance (%)	≤ 5.0
Nominal velocity of propagation	66.7%
Maximum Delay Skew	≤ 45ns/100
Insulation resistance (DC 500V/1 min) .Min	5000MΩ•km

Mechanical characteristics

Minimum bend radius during installation	8x outside dia.
Minimum bend radius after installation	6x outside dia.

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10963 Berlin
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Fax. 030 700143-1359
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www.voygar.com

Installation temp.	0 to 60°C
Operating temp.	-20 to 60°C
Storage temp.	-20 to 80°C

Installation Characteristics

Maximum pulling tension:	100N
Minimum bend radius during installation:	60mm
Minimum installed bend radius:	30mm
Nominal weight:	52kg/km

Applications

2.4/1.2 Gb/s ATM
IEEE 802.3an:10G BASE-T (10 Gigabit Ethernet) supporting 100 meters
3D imaging
Digital Video
Broadband and Baseband Analog Video

Standard Compliances

ISO/ IEC 11801:2011(Ed.2.2)
IEC 61156-5:2009(Ed.2.0)
EN 50173-1:2011
EN 50173-2:2007 including amendment A1:2010
ANSI/TIA-568-C.2:2009RoHS compliant
EC Verified

Ordering Information

C6A3FP31	VOYGAR CAT6A FTP 23AWG, PVC CABLE 305M, White
C6A3FP39	VOYGAR CAT6A FTP 23AWG, PVC CABLE 305M, Blue
C6A3FP37	VOYGAR CAT6A FTP 23AWG, PVC CABLE 305M, Orange
C6A3FP34	VOYGAR CAT6A FTP 23AWG, PVC CABLE 305M, Grey
C6A3FP38	VOYGAR CAT6A FTP 23AWG, PVC CABLE 305M, Red
C6A3FL31	VOYGAR CAT6A FTP 23AWG, LSZH CABLE 305M, White
C6A3FL39	VOYGAR CAT6A FTP 23AWG, LSZH CABLE 305M, Blue
C6A3FL37	VOYGAR CAT6A FTP 23AWG, LSZH CABLE 305M, Orange
C6A3FL34	VOYGAR CAT6A FTP 23AWG, LSZH CABLE 305M, Grey
C6A3FL38	VOYGAR CAT6A FTP 23AWG, LSZH CABLE 305M, Red
C6A3FP51	VOYGAR CAT6A FTP 23AWG, PVC CABLE 500M, White
C6A3FP59	VOYGAR CAT6A FTP 23AWG, PVC CABLE 500M, Blue
C6A3FP57	VOYGAR CAT6A FTP 23AWG, PVC CABLE 500M, Orange
C6A3FP54	VOYGAR CAT6A FTP 23AWG, PVC CABLE 500M, Grey
C6A3FP58	VOYGAR CAT6A FTP 23AWG, PVC CABLE 500M, Red
C6A3FL51	VOYGAR CAT6A FTP 23AWG, LSZH CABLE 500M, White
C6A3FL59	VOYGAR CAT6A FTP 23AWG, LSZH CABLE 500M, Blue
C6A3FL57	VOYGAR CAT6A FTP 23AWG, LSZH CABLE 500M, Orange
C6A3FL54	VOYGAR CAT6A FTP 23AWG, LSZH CABLE 500M, Grey
C6A3FL58	VOYGAR CAT6A FTP 23AWG, LSZH CABLE 500M, Red