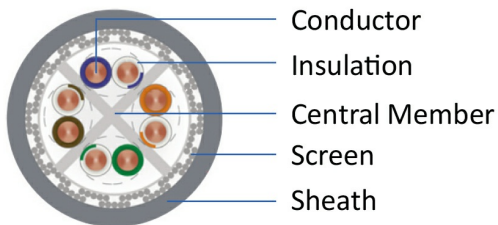
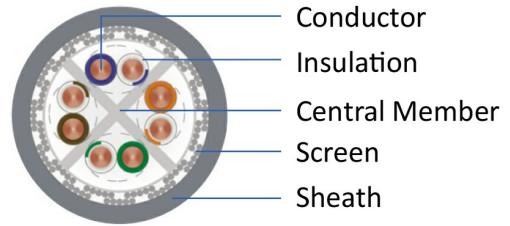


Braytron

PRODUCT DATASHEET

MODEL NO BZ20-00440

DESCRIPTION BRY-DATA-CAT6-SFTP-DT7-CU-BLUE-305M-CABLE



BRAYTRON SRL

Bulavardul iuliu maniu, Nr.616, Sector 6, 061129, Bucuresti-ROMANIA

info@braytron.com

www.braytron.com

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General Characteristics

Model No	:	BZ20-00440
Main Family	:	Electrical
Sub Family	:	Cable
Cable Length	:	305 mt
Field of Application	:	Indoor
Temperature	:	0 °C +50 °C Installation -20 °C +60 °C Operating
Bending Radius	:	8 x D
CPR Class	:	Class D
DoP No.	:	e.g. 1705-1220
Sheath Colour	:	Blue

Package Informations

N.W.	:	16,50 kgs
G.W.	:	17,00 kgs
PCS/CTN	:	1 roll
Length	:	325 mm
Width	:	325 mm
Height	:	310 mm
EAN	:	5949097746031

Flame Characteristics

Flame Retardancy	:	Low Smoke
Halogen Free	:	Yes
Smoke Density	:	1.35g/cm ³

Dimensions & Weight

Weight	:	16500 gr/roll
Copper Approx	:	15.7kg/km
Outer Ø Approx	:	7,07 mm

Certificates and Regulations

2015/863/EU RoHS	:	Restriction of Hazardous Substances
2014/35/EU LVD	:	Low Voltage Directive

Low-Frequency and Electrical Characteristics

Insulation resistance	:	≥ 5000 MΩxkm
Operating Voltage	:	72 V DC
Conductor Resistance	:	≤ 95 Ω/km
Conductor Resistance Unbalance	:	≤ 2 %
Mutual Capacitance	:	50 nF/km
Capacity Unbalance	:	≤ 1200 pF/km
Insulation Test Voltage	:	1,0 kV DC (core/core) 0,7 V AC (core/screen) for 1 min. 2,5 kV DC (core/core) 1,7 V AC (core/screen) for 2 s.

High-Frequency and Transmission Characteristics

Test Frequency	:	400 MHz
EMC	:	30MHz
NVP %	:	0.69
Mean Characteristic Impedance	:	$100 \pm 5 \Omega$ @ 100MHz

Frequency at 250 mHz

Attenuation Typ	:	~2.5 dB/100m
Attenuation Max.	:	3 dB/100m
NEXT	:	5.8--10.5 dB
PS-NEXT	:	6.8--12.9 dB
ACR-F	:	8.7--11.4 dB/100m
PS-ACR-F	:	10.9--13.8 dB/100m
RL	:	1.8--6.0 dB

Construction

Conductor	:	4*2*(0.53CU) 23AWG
Insulation	:	HDPE
Sheath	:	LSZH/PVC
Lay up	:	SFTP
Central Member	:	CU
Shield	:	Yes
Drain Wire	:	Yes