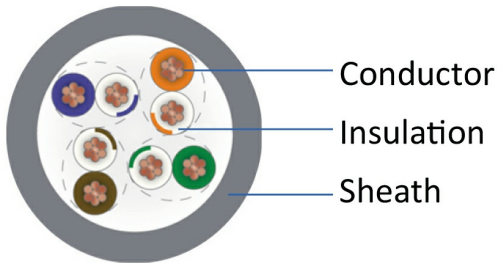
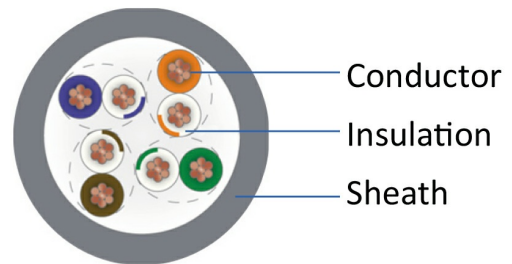


Braytron

PRODUCT DATASHEET

MODEL NO	BZ20-00350
DESCRIPTION	BRY-DATA-CAT5 UTP-DT1-CCA-GRY-305M-CABLE



General Characteristics

Model No	:	BZ20-00350
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	:	Grey

Package Informations

N.W.	:	14,00 kgs
G.W.	:	15,50 kgs
PCS/CTN	:	2 roll
Length	:	435 mm
Width	:	370 mm
Height	:	380 mm
EAN	:	5949097745973

Flame Characteristics

Flame Retardancy	:	Low Smoke
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Dimensions & Weight

Weight	:	7000 gr/roll
Copper Approx	:	2.11kg/km
Outer Ø Approx	:	5,15 mm

Certificates and Regulations

2015/863/EU RoHS	:	Restriction of Hazardous Substances
2014/35/EU LVD	:	Low Voltage Directive
Category 5e CE	:	Yes

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	:	200 MHz
Category 6	:	Yes
EMC	:	30HMz
NVP %	:	0.779
Mean Characteristic Impedance	:	$100 \pm 5 \Omega$ @ 100MHz

Frequency at 100 mHz

Attenuation Typ	:	~2.5 db/100m
Attenuation Max.	:	3 db/100m
NEXT	:	2.4--4.6 dB
PS-NEXT	:	4--6.7 dB
ACR-F	:	11.1-12.1 dB/100m
PS-ACR-F	:	12.5--14.5 dB/100m
RL	:	5--9.1 dB

Construction

Conductor	:	4*2*(0.51CCA) 24AWG
Insulation	:	HDPE
Sheath	:	LSZH/PVC
Lay up	:	Two insulated conductors twisted together, pairs twisted together