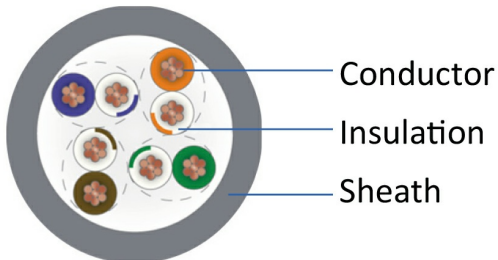
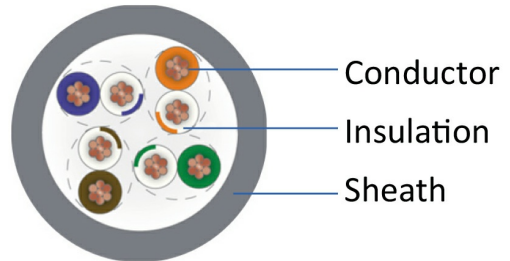


# Braytron

## PRODUCT DATASHEET

MODEL NO	BZ20-00370
DESCRIPTION	BRY-DATA-CAT5 FTP-DT7-CU-GRY-305M-CABLE



BRAYTRON SRL

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### General Characteristics

Model No	:	BZ20-00370
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.	:	23,00 kgs
G.W.	:	23,50 kgs
PCS/CTN	:	2 roll
Length	:	565 mm
Width	:	295 mm
Height	:	295 mm
EAN	:	5949097745997

### Flame Characteristics

Flame Retardancy	:	Low Smoke
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### Dimensions & Weight

Weight	:	11500 gr/roll
Copper Approx	:	14.08kg/km
Outer Ø Approx	:	5,93 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	:	30MHz
NVP %	:	0.66
Mean Characteristic Impedance	:	$100 \pm 5 \Omega$ @ 100MHz

### Frequency at 100 mHz

Attenuation Typ	:	~2.5 dB/100m
Attenuation Max.	:	3 dB/100m
NEXT	:	10.9--13.3 Db
PS-NEXT	:	13.5--15 dB
ACR-F	:	14--14 dB/100m
PS-ACR-F	:	15.8--15.8dB/100m
RL	:	1.4--5.5 dB

### Construction

Conductor	:	4*2*(0.5CU) 24AWG
Insulation	:	HDPE
Sheath	:	LSZH/PVC
Lay up	:	Two insulated conductors twisted together, pairs twisted together