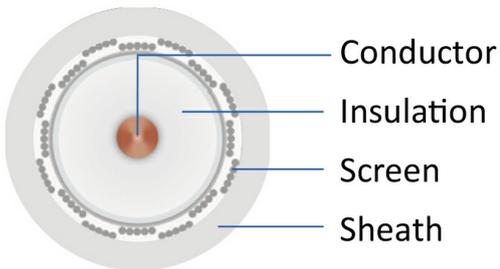
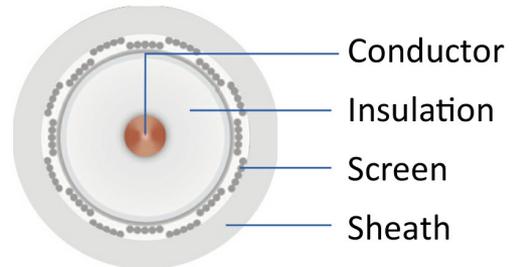


Braytron

PRODUCT DATASHEET

MODEL NO	BZ20-00100
DESCRIPTION	BRY-COAXIAL-RG59-CX1-CCS-WHT-100M-CABLE



BRAYTRON SRL

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General Characteristics

Model No	:	BZ20-00100
Main Family	:	Electrical
Sub Family	:	Cable
Cable Length	:	100 mt
Field of Application	:	Indoor
Temperature	:	-30 °C+70 °C
Bending Radius	:	10 x D
CPR Class	:	Class D
DoP No.	:	0.18
Sheath Colour	:	White

Package Informations

N.W.	:	18,00 kgs
G.W.	:	18,50 kgs
PCS/CTN	:	6 roll
Length	:	520 mm
Width	:	275 mm
Height	:	280 mm
EAN	:	5949097745898

Certificates and Regulations

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

Dimensions & Weight

Weight	:	3000 gr/roll
Copper Approx	:	0.83 kg/km
Outer Ø Approx	:	5,85 mm

Attenuation at 20°C

5 mHz	:	3,85 dB/100m
50 mHz	:	5,95 dB/100m
200 mHz	:	11,71 dB/100m
400 mHz	:	16,8 dB/100m
800 mHz	:	23,62 dB/100m
1000 mHz	:	26,85 dB/100m
2150 mHz	:	40,63 dB/100m
2400 mHz	:	43,22 dB/100m
3000 mHz	:	48,92 dB/100m

Flame Characteristics

Flame Retardancy	:	UV+Rohs
Halogen Free	:	Yes
Smoke Density	:	Middle

Low-Frequency and Electrical Characteristics

Insulation resistance	:	$\geq 2 \text{ G}\Omega\text{xkm}$
Characteristic impedance	:	$75 \pm 3 \Omega$
Capacitance	:	$52 \pm 2 \text{ pF/m}$
Operating Voltage	:	Max. 1300 V
Test Voltage	:	3000 V

High-Frequency and Transmission Characteristics

18 B type / 75-5 type	:	20AWG
Test Frequency	:	5-3000 MHz
Velocity of Propagation	:	$84\% \pm 2$
Return Loss	:	5-470MHz > 20dB 470-1000MHz > 18dB 1000-2000MHz > 16dB 2000-3000MHz > 15dB
Screening Attenuation	:	300-1000MHz $\geq 75\text{dB}$ 1000-2000MHz $\geq 65\text{dB}$ 2000-3000MHz $\geq 55\text{dB}$
Transfer Impedance	:	5-30MHz $\leq 50\text{m}\Omega/\text{m}$
Screening Class	:	Class C Type

Construction

Conductor	:	0.81CCS 20 AWG
Insulation	:	3.66FPE
Screen	:	AL+PET FOIL+64x0.12ALMG
Sheath	:	PVC