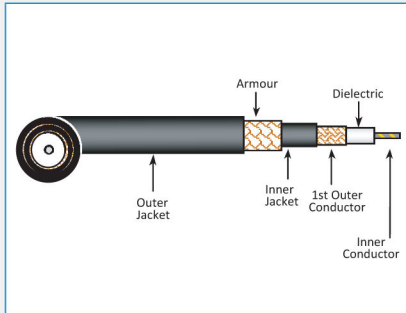


# RG215/U 95% Bare Copper Braid LSZH

Coaxial Cable, 50 Ohm, SWB



## Application

Transmitter and receiver installation in radio communication as well in the entire field of commercial radio frequency technology and electronics. Example : Studio broadcast , Radio Frequency and CATV. Steel wire braid provides outdoor protection against harsh handling.

Suitable for high EMI environments.

## Fire Rating

- IEC 60332-1, IEC 61034-2, IEC 60754-1/2, IEC 60332-3C(SWB)

## Optional

- PVC/ FRNC

## Construction

Material	Detail	inches	mm
<b>Inner Conductor</b>	Bare Copper	7/0.0296	7/0.752
<b>Dielectric</b>	Solid Polyethylene	0.285	7.24
<b>1st Outer Conductor</b>	95% Bare Copper Braid	0.320	8.14
<b>Inner Jacket</b>	Low Smoke Zero Halogen	0.406	10.30
<b>Armour</b>	Steel Wire Braid	0.443	11.25
<b>Outer Jacket</b>	Low Smoke Zero Halogen	0.535	13.60

## Mechanical Specification

	inches	mm
<b>Minimum Bend Radius</b>	8.03	204.0

## Electrical Specification at 20°C

<b>DC Resistance</b>	$\Omega$ / km	$\Omega$ / km
<b>Inner Conductor</b>	1.78	5.83
<b>Capacitance, Nominal</b>	30.48 pF/m	100 pF/m
<b>Characteristic Impedance, <math>\Omega</math></b>	50 $\pm$ 3	

## Ordering Information

P/N	Product Description	P.U
RG5151B	RG215/U 95% Bare Copper Braid PVC SWB	500m/drum
RG5251B	RG215/U 95% Bare Copper Braid LSZH SWB	500m/drum
RG5351B	RG215/U 95% Bare Copper Braid FRNC SWB	500m/drum