

Draka 50 Ohm Coaxial Cable, Series RG214, SSC, 94% SCB, 97% SCB



(Only for reference)

Electrical Characteristics

Impedance	Ω	50 ± 3.0
Capacitance	pF / m	$101 \pm 3\%$
Velocity of Propagation	N/A	> 66 %

* values are nominal

Construction

Inner Conductor	mm	Stranded Silver-plated Copper	$\varnothing 7 \times 0.75$ mm
Dielectric	mm	Solid PE	$\varnothing 7.25$ mm
First Shield	N/A	34 AWG Silver-plated Copper Braid (SCB) 94% coverage	
Second Shield	N/A	34 AWG Silver-plated Copper Braid (SCB) 97% coverage	
Outer sheath	mm	PVC / LSZH	$\varnothing 10.8$ mm
Outer sheath colour	N/A	Black UV resistance (Other color option with MOQ)	
Fire Performance	N/A	IEC 60332-1	
Cable Weight	Kg/km	200	

* values are nominal

Mechanical and Environmental

Max. Pulling Tension	N	100
Min. Bend Radius (Installation)	N/A	10 X OD
Min. Bend Radius (Operation)	N/A	15 X OD
Operating temperature	N/A	-25°C to 65°C

Attenuation (+/- 10% @ Temperature 20° Celsius)

Frequency (MHz)	Nominal (dB/100m)
10	1.60
50	4.30
100	6.20
200	9.50
400	13.80
600	18.20
860	22.30
1000	24.50
1500	31.50
2000	36.40
3000	46.60
5000	64.20
11000	112.2

Ordering Information

UC Part Number	SAP1C	Description	Packaging
RG4157BK-5H	60094034	DRAKA MMS SPECIAL CABLE COAXIAL CABLE RG214, SBC, 94% Silver-plated Copper Braid, 97% Silver-plated Copper Braid, PVC, 50 Ohm	500m/reel
RG4257BK-5H	60094035	DRAKA MMS SPECIAL CABLE COAXIAL CABLE RG214, SBC, 94% Silver-plated Copper Braid, 97% Silver-plated Copper Braid, LSZH, 50 Ohm	500m/reel

*Non-standard products typically higher MOQ and longer lead-time

Sheath Color & Marking:

Black, the outer sheath is marked in 1-meter intervals as follows:

DRAKA MMS COAXIAL RG-214 <UC PART NUMBER> 50 Ohm <SHEATH> <FC> <BATCH CODE> <XXX>M

<UC PART NUMBER>: Cable part number

<SHEATH>: PVC / LSZH

<FC>: Draka defined factory Code

<BATCHCODE>: Factory defined tracking code MM/YYYY or WW/YYYY

<XXX>: Increasing length marking by 1 metre

Marking size: 3.0±0.5 mm, Marking color: White on black sheath, black on other color sheath

Logistic

Packing:

Wooden drums with protection.

Delivery Lengths:

Standard delivery length is 500m per drum \pm 5%.

Enquiries

Please contact our local sales office or email to: mms.asia@prysmiangroup.com

Multimedia Solutions is the data communication portfolio of Prysmian Group and comprises all the necessary portfolio of cable solutions for data communication.

Ask about UC CONNECT for a complete Structured Cabling Solutions with 25 Years System Warranty.

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