

Draka 75 Ohm Coaxial Cable, Series RG59, CCS, APA, 65% ALB



(Only for reference)

Electrical Characteristics

Impedance	Ω	75 \pm 3.0	
Capacitance	pF / m	52 \pm 3%	
Velocity of Propagation	N/A	> 83 %	
Return Loss	dB	5 - 1000 MHz	≥ 20
		1000 - 3000 MHz	≥ 20

* values are nominal

Construction

Inner Conductor	mm	Copper Clad Steel (CCS)	\varnothing 0.81mm
Dielectric	mm	Foam PE	\varnothing 3.66mm
First Shield	N/A	Aluminum/Polymer/Aluminum (APA) Bonded	
Second Shield	N/A	34 AWG Aluminum Braid (ALB) 65% coverage	
Outer sheath	mm	PVC / PVC CM / LSZH / LSZH AR-AT-UV	\varnothing 6.00mm
Outer sheath colour	N/A	Black UV resistance (Other color option with MOQ)	
Fire Performance	N/A	IEC 60332-1	
Cable Weight	Kg/km	35	

* 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)
5	2.82
55	6.16
100	8.20
211	11.77
500	18.46
750	22.82
870	24.72
1000	26.52
1450	32.20
1750	35.80
1850	36.82
2000	38.26
2250	40.59
2500	42.79
2700	44.46
3000	46.89

Ordering Information

UC Part Number	SAP1C	Description	Packaging
RG9175BK-5H	TBC	DRAKA MMS SPECIAL CABLE COAXIAL CABLE RG59, CCS, APA, 65% Aluminum Braid, PVC, 75 Ohm	500m/reel
RG9775BK-5H	TBC	DRAKA MMS SPECIAL CABLE COAXIAL CABLE RG59, CCS, APA, 65% Aluminum Braid, PVC CM, 75 Ohm	500m/reel
RG9275BK-5H	TBC	DRAKA MMS SPECIAL CABLE COAXIAL CABLE RG59, CCS, APA, 65% Aluminum Braid, LSZH, 75 Ohm	500m/reel
RG9275RTVBK-5H	TBC	DRAKA MMS SPECIAL CABLE COAXIAL CABLE RG59, CCS, APA, 65% Aluminum Braid, LSZH AR-AT-UV, 75 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:

PVC/CM/LSZH

DRAKA MMS COAXIAL RG-59 <UC PART NUMBER> 75 Ohm <SHEATH> <FC> <BATCH CODE> <XXX>M

LSZH AR-AT-UV

DRAKA MMS COAXIAL RG-59 LSZH AR-AT-UV <UC PART NUMBER> 75 Ohm <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 ± 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.

Visit www.drakauc.com for more information.

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