

Draka 75 Ohm Coaxial Cable, Series RG6, CCS, APA, 60% ALB, APA, 40% ALB



(Only for reference)

Electrical Characteristics

Impedance	Ω	75±3.0	
Capacitance	pF / m	52±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)	∅ 1.02mm
Dielectric	mm	Foam PE	∅ 4.57mm
First Shield	N/A	Aluminum/Polymer/Aluminum (APA) Bonded	
Second Shield	N/A	34 AWG Aluminum Braid (ALB) 60% coverage	
Third Shield	N/A	Aluminum/Polymer/Aluminum (APA)	
Fourth Shield	N/A	34AWG Aluminum Braid (ALB) 40% coverage	
Outer sheath	mm	PVC / PVC CM / LSZH	∅ 7.54mm
Outer sheath colour	N/A	Black UV resistance (Other color option with MOQ)	
Fire Performance	N/A	IEC 60332-1	
Cable Weight	Kg/km	50	

* 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	1.78
55	4.92
100	6.56
211	9.41
500	14.79
750	18.43
870	19.98
1000	21.45
1450	25.88
1750	28.67
1850	29.49
2000	30.64
2250	32.50
2500	34.24
2700	35.59
3000	37.52

Ordering Information

UC Part Number	SAP1C	Description	Packaging
RG6170BK-5H	60094045	DRAKA MMS SPECIAL CABLE COAXIAL CABLE RG6, CCS, APA, 60% Aluminum Braid, APA, 40% Aluminum Braid, PVC, 75 Ohm	500m/reel
RG6770BK-5H	60094046	DRAKA MMS SPECIAL CABLE COAXIAL CABLE RG6, CCS, APA, 60% Aluminum Braid, APA, 40% Aluminum Braid, PVC CM, 75 Ohm	500m/reel
RG6270BK-5H	60094047	DRAKA MMS SPECIAL CABLE COAXIAL CABLE RG6, CCS, APA, 60% Aluminum Braid, APA, 40% Aluminum Braid, LSZH, 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:

DRAKA MMS COAXIAL RG-6 <UC PART NUMBER> 75 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 ± 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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