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Telegartner RG-214 Coax-Cable, 100+-1m Ring

SKU
ACC-TG-00016
MPN
100012857

Description

The Telegärtner RG-214 Coaxial Cable (SKU: ACC-TG-00016) is a robust 50 Ω cable designed for high-frequency telecommunications, including broadcast, UHF, and military applications. With a length of 100 m and weighing 2.07 kg, this RG-214 cable offers superior performance compared to standard RG-213 cables, thanks to its large centre conductor and double shielding. These features ensure low attenuation and reliable operation up to 11 GHz.

This cable is engineered for durability, capable of withstanding multiple mating cycles, and meets RoHS compliance standards. Telegärtner, a renowned German brand established in 1945, has a strong reputation for producing high-tech telecommunications components. Their extensive experience and international presence highlight their commitment to quality and innovation in cable assembly and related technologies.

Choose the Telegärtner RG-214 for its enhanced frequency support, improved attenuation, and...

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Telegärtner

As family-owned company the Telegärtner Group has developed to an international network of affiliated companies specialising in intermediate and end products for telecommunications and data communications for customers with the most exacting demands for high-tech applications over the last 70 years.

Since the company was set up in 1945 Telegärtner has seen steady growth and has continually expanded ...

RF Specification

Physical Specification

Subtype
Cable Reel
Compliance/Certifications
RoHS
Length
100 m
Weight
2073 g

RG-214

Min. Frequency
0 GHz
Impedance
50 Ω

Min. Bend Radius Static
40 mm
Attenuation @ 1 GHz
0.24 dB/m
Max. Frequency
11 GHz
Shielding Effectiveness
> 75 dB
Colour
Black
Weight (g/m)
207.3 g
Cable Layers

Layer	Diameter	Materials	Notes
Inner Conductor	2.25 mm	Silver Plated Copper (SC)	7x0.75
Dielectric	7.24 mm	Polyethylene (PE)	
Outer Conductor	7.90 mm	Silver Plated Copper Braid	
Outer Conductor	8.50 mm	Silver Plated Copper Braid	
Outer Jacket	10.80 mm	Polyvinyl Chloride (PVC)	

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