

PRODUCT SPECIFICATION

75 Ohm Drop Coaxial Cable

RG6B-I

PRODUCT DESCRIPTION



- The high-performance of electric properties, which lead to fewer energy loss and outer interference, allow cable to be used as drop cable in terms of broadband, such as digital transmission, television signal, public computer network connection, and so on.
- Indoor and outdoor distribution.

CONSTRUCTION

Inner conductor	Copper clad steel wire	Φ 1.02mm
Insulation	Physically foamed PE	Φ 4.57mm
1st Outer conductor	Bonded aluminum laminated tape	
2nd Outer conductor	Al-Mg alloy braid Coverage: ≥90%	
Jacket	PVC	Φ 6.90mm

MECHANICAL PROPERTIES

Cable length	m	100/200/250/305
Min. single bending radius	mm	35
Pulling strength	N	200
Adhesion Force	N	>20

ELECTRICAL PROPERTIES

Impedance	Ω	75±3
Nominal Capacitance	pF/m	54
Propagation velocity	%	82
DC breakdown voltage	kV	2.5
Insulation resistance	MΩ•km	≥5000
Screening attenuation	dB	≥85@30~1000MHz

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TRANSMISSION PROPERTIES

Frequency MHz	Attenuation @20°C,dB/100m	Attenuation @20°C,dB/100ft
5	2.00	0.61
50	4.70	1.43
200	9.00	2.74
550	15.80	4.82
800	19.00	5.79
1000	22.00	6.71

STRUCTURE RETURN LOSS

5-300MHz	dB	≥22
300-1000MHz	dB	≥20

STANDARDS

2011/65/EU	Compliant
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