

75 Ohm Drop Coaxial Cable

RG7T

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 wire	Φ 1.29mm
Insulation	Physically foamed PE	Φ 5.72mm
1st Outer conductor	Bonded AL-PET tape	
2nd Outer conductor	Aluminum alloy braid	
	Coverage: 60%	
3rd Outer conductor	AL-PET-AL tape	
Jacket	Black PVC	Φ 8.20mm

MECHANICAL PROPERTIES

Min. single bending radius	mm	50
Pulling strength	N	300
Adhesion Force	N	>40

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	Nominal Attenuation @20°C,dB/100m	Nominal Attenuation @20°C,dB/100ft
55	4.17	1.27
211	8.04	2.45
300	9.68	2.95
450	12.01	3.66
550	13.35	4.07
750	15.78	4.81
870	17.09	5.21
1000	18.44	5.62

Nominal attenuation values may be with a tolerance of +5%.

STRUCTURE RETURN LOSS

5-1000MHz	dB	≥20
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STANDARDS

2011/65/EU	Compliant
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