

# RG6T77M

## 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	$\Phi 1.02 \pm 0.01\text{mm}$
Insulation	Physically foamed PE	$\Phi 4.57 \pm 0.15\text{mm}$
1st Outer conductor	Bonded aluminum laminated tape	
2nd Outer conductor	Aluminum alloy braid Coverage>77%	
3rd Outer conductor	Aluminum laminated tape	
Jacket	Black PVC	$\Phi 7.06 \pm 0.20\text{mm}$
Messenger	Galvanized steel wire	$\Phi 1.30 \pm 0.05\text{mm}$

## MECHANICAL PROPERTIES

Min. single bending radius	mm	35
Pulling strength	N	200
Adhesion Force	N	>20

## ELECTRICAL PROPERTIES

Impedance	$\Omega$	75 $\pm$ 3
Capacitance	PF/m	54
Propagation velocity	%	82
DC breakdown voltage	kV	2.5
Insulation resistance	M $\Omega$ •km	>5000

# PRODUCT SPECIFICATION

75 Ohm Coaxial Cable



## RG6T77M

### TRANSMISSION PROPERTIES

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Frequency MHz	Nom. attenuation @20°C, dB/100m
55	5.25
211	10.00
300	11.64
450	14.43
550	16.08
750	18.54
865	20.01
1000	21.49

Maximum attenuation value shall be 105% of the nominal attenuation value

### STRUCTURE RETURN LOSS

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5-1000MHz	dB	≥20
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### STANDARDS

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2011/65/EU	Compliant
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