

## 75 Ohm Drop Coaxial Cable

### RG11TFM

#### 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 1.63mm
Insulation	Physically foamed PE	Φ 7.11mm
1st Outer conductor	Bonded Al/PET tape	
2nd Outer conductor	Tinned copper wire braid	
	Coverage: ≥55%	
3rd Outer conductor	Bonded Al/PET/Al Tape	
Flooding	Non-dripping flooding compound	
Jacket	Black PE	Φ 10.16mm
Messenger	Galvanized steel wire	Φ 1.83mm

#### MECHANICAL PROPERTIES

Cable length	m	305
Min. single bending radius	mm	50
Pulling Strength	N	384
Adhesion Force	N	>60
Min. breaking strength of messenger	MPa	600~1690

#### ELECTRICAL PROPERTIES

Impedance	Ω	75±3
Inner Conductor DCR	Ω /km	8.60
Outer Conductor DCR	Ω /km	10.20
Nominal Capacitance	pF/m	54
Propagation velocity	%	83
DC breakdown voltage	kV	4.0
Insulation resistance	MΩ•km	≥10000
Screening attenuation	dB	≥95@30~1000MHz
Transfer Impedance	Ω /km	≤2.50 @5~30MHz

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#### TRANSMISSION PROPERTIES

Frequency	Attenuation	Attenuation
MHz	@20 °C,dB/100m	@20 °C,dB/100ft
5	1.20	0.37
50	2.90	0.89
100	4.20	1.28
200	6.10	1.87
400	8.50	2.60
862	12.70	3.88

Attenuation may have 5% deviation.

#### STRUCTURE RETURN LOSS

5-470MHz	dB	≥23
470-862MHz	dB	≥20
862-1000MHz	dB	≥18

#### STANDARDS

2011/65/EU	Compliant
CE declaration	Compliant