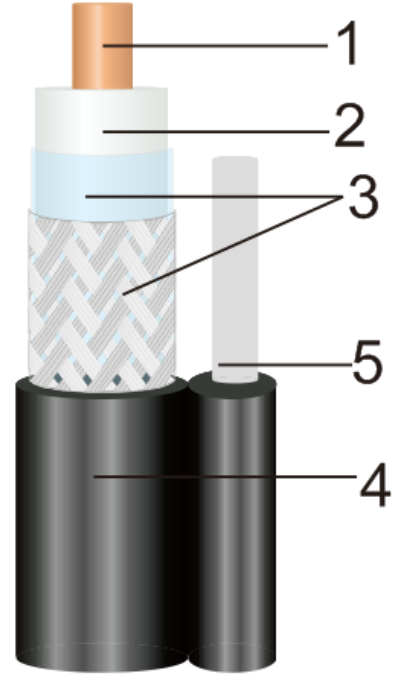


# COAXIAL CABLE

Cable type : Braun Group RG6 PE MES

Structure		
1、 Inner Conductor	Material	CCS
	Dia.	$1.02 \pm 0.02 \text{mm}$
	DC	$\leq 110 \Omega / \text{km}$
2、 Insulation	Material	FPE
	Dia.	$4.7 \pm 0.2 \text{mm}$
3、 Outer Conductor	Material 1	Bonded Al foil
	Material 2	Al-Magnesium alloy wire
	Braiding	$16 \times 5 \times 0.12 \pm 0.008 \text{mm}$
	Coverage	$60\% \pm 2$
4、 Outer Sheath	Material	PE
	Dia.	$(6.9 + 3.0) \pm 0.2 \text{ mm}$
5、 Messenger Wire	Material	Steel wire
	Dia.	$1.3 \pm 0.1 \text{mm}$
Electrical performance		
Impedance	$\Omega$	$75 \pm 5$
Capacitance	pF/m	$52 \pm 3$
Insulation Resistance	$\text{M}\Omega \cdot \text{km}$	$> 1000$
Attenuation Max (dB/100m)	Frequency (MHz)	Typical
	50	5.70
	200	10.20
	550	17.30
	800	21.00
	1000	23.50
Return Loss(dB)	50~200MHz	22
VSWR Min	200~1000MHz	20



Cable printing: as per the requirement of the customer.

Packing: 305m/wooden

Document Type	Doc.No.
Technical specification	GD/QT1/401080-2017

Approved by	Prepared by	Date	Rev	Page
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