

## - Information



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نام محصول .

کابل کواکسیال ۴۰۰ LMR رادیویی

کد محصول .

407606

کاربرد و ویژگیها :

## - Other Details



NO IMAGE AVAILABLE FOR THIS ITEM

## - Technical Specification

Item	Description
.HANSEN type No	RF400 CAC168E
HANSEN part No.	3020607
NSN part No.	/
Construction	
Inner Conductor	Material Diameter, mm Copper clad aluminum wire 2.74±0.025
Insulation	Material Diameter, mm Physically foamed PE 7.24±0.20
Outer Conductor	1 <sup>st</sup> shield Bonded Al/PET/Al Tape Overlap:≥25%
	2 <sup>nd</sup> shield Tinned copper wire braid Wire diameter: 0.16 mm Braid coverage 87%
Jacket	Diameter, mm 8.08(Nominal)
	Material Polyethylene(PE)
	Min. thickness, Diameter, mm 0.80 10.16±0.20
Mechanical properties	
Bending radius , mm	Single 25.4
	Repeated 101.6

Tensile strength, Kg		73
Crush resistance, kg/mm		0.71
Recommend temperature ,	Store	-70 ~+85
	Installation	-40 ~+85
	Operation	-40 ~+85
<b>Electrical properties</b>		
Inner conductor DC resistance, Ω/Km		4.49
Outer conductor DC resistance, Ω/Km		5.61
Impedance,Ω		50±2
Capacitance, PF/m		78
Propagation velocity, %		85
DC breakdown voltage, kV		2.5
Insulation resistance, MΩ•km		>5×10 <sup>3</sup>
Peak power, kW		16
Screening attenuation, dB		>90
Cut-off frequency, GHz		16.2

Attenuation @20 ,dB/100m		
Frequency, MHz	Nom. Attenuation	
30	2.49	
50	3.18	
150	4.92	
220	6.23	
450	8.86	
900	12.80	
1500	16.70	
1800	18.40	
2000	19.40	
2400	21.65	
2500	22.00	
3000	24.60	

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

Return loss	
50-300MHz	≥23
300-1000MHz	≥20
1000-3000MHz	≥16

**Environment requirements**

Comply with the RoHS Directive 2011/65/EU and its Subsequent amendments.