

## - Information



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نام محصول .

کابل کو اکسیال ۳۰۰ LMR رادیویی

کد محصول .

407601

کاربرد و ویژگیها :

## - Other Details



NO IMAGE AVAILABLE FOR THIS ITEM

## - Technical Specification

Item	Description	
.HANSEN type No	RF300 C156E	
HANSEN part No.	3020902	
NSN part No.	/	
Construction		
Inner Conductor	Material	Bare copper wire
	Diameter, mm	1.78±0.02
Insulation	Material	Physically foamed PE
	Diameter, mm	4.83±0.20
	1 <sup>st</sup> shield	Bonded Al/PET/Al Tape Overlap:≥25%
Outer Conductor	2 <sup>nd</sup> shield	Tinned copper wire braid
		Wire diameter: 0.12 mm Braid coverage 87%
Jacket	Diameter, mm	5.66(Nominal)
	Material	Polyethylene(PE)
	Min. thickness,	0.80
	Diameter, mm	7.62±0.20
Mechanical properties		
Bending radius , mm	Single	22.2
	Repeated	76.2

Tensile strength, Kg		55
Crush resistance, kg/mm		0.54
Recommend temperature ,	Store	-70 ~+85
	Installation	-40 ~+85
	Operation	-40 ~+85
<b>Electrical properties</b>		
Inner conductor DC resistance, Ω/Km		6.96
Outer conductor DC resistance, Ω/Km		7.98
Impedance,Ω		50±2
Capacitance, PF/m		80.4
Propagation velocity, %		83
DC breakdown voltage, kV		2.0
Insulation resistance, MΩ•km		>5×10 <sup>3</sup>
Peak power, kW		10
Screening attenuation, dB		>90
Cut-off frequency, GHz		24.5

Attenuation @20 ,dB/100m		
Frequency, MHz	Nom. Attenuation	
30	3.8	
50	4.9	
150	7.9	
220	9.5	
450	13.1	
900	19.4	
1500	25.3	
1800	28.2	
2000	29.8	
2500	33.8	
3000	37.4	

- 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.