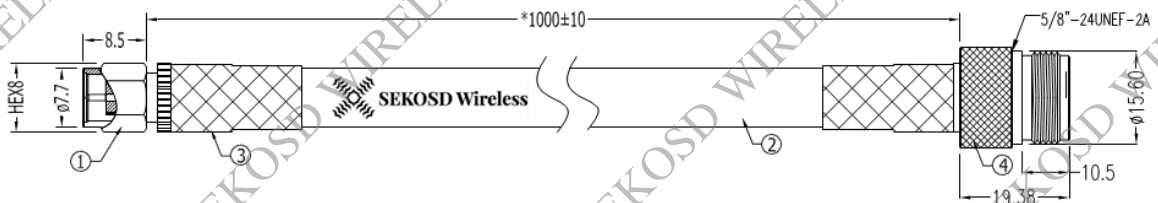




Product


- 1- RP-SMA connector.
- 2- LJR400 cable.
- 3- Heat shrink tube.
- 4- N-Type female connector.

 SEKOSD Wireless LoRa® Wireless Technology	Note:	
	Article No: 8041, 8058, 8119, 8126, 8133.	Version: 3.0
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Product specifications


- Series ALSR foam coaxial cable
- CCA conductor
- Foam polyolefin dielectric
- Laminate aluminum tape shield
- Aluminum magnesium wire braid 90%
- Black PE jacket
- Surface printing


 SEKOSD Wireless	Note:	
LoRa® Wireless Technology	Article No: 8041, 8058, 8119, 8126, 8133.	Version: 3.0
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Structural parameters information

material	details	Size mm	Color
Inner conductor	CCA conductor	1/2.74 ±0.03	Coppery
Dielectric	Foam PE	7.24 ±0.15	White
1 st outer conductor	Laminate aluminum tape	7.34 ±0.15	Silvery
2 st outer conductor	Tinned copper braid (96*0.122mm)	7.85±0.15	Silvery
Jacket	PVC	10.3 ±0.2	black


Physical mechanical specifications

Item	Unit	
Minimum bend radius	Loaded /mm	103
	Unloaded/mm	51.5
Temperature rating	°C	-40~+80

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Electrical specifications

item	unit	date
Impedance	Ω	50
Capacitance	pF/m	79
Velocity ratio propagation	%	85
Inner conductor resistance	Ω/km	4.91
Outer conductor resistance	Ω/km	11.2
Insulation resistance	$\text{M}\Omega.\text{km}$	1000
Dielectric strength	V(DC)	2500
Withstand voltage of jacket	V(AC)	8000
Maximum operating frequency	MHZ	3000

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Attenuation and avg power. Typical value (20°C) (Allowable tolerance ±15%)

Frequency (MHz)	Attenuation (dB/100m)	Avg power (KW)
30	2.3	2.77
50	2.9	2.10
150	5.1	1.22
200	5.9	1.07
200	6.2	1.00
450	8.9	0.69
900	12.8	0.48
1500	16.9	0.36
1800	18.6	0.32
2000	19.7	0.31
2500	22.2	0.28
3000	24.6	0.26

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