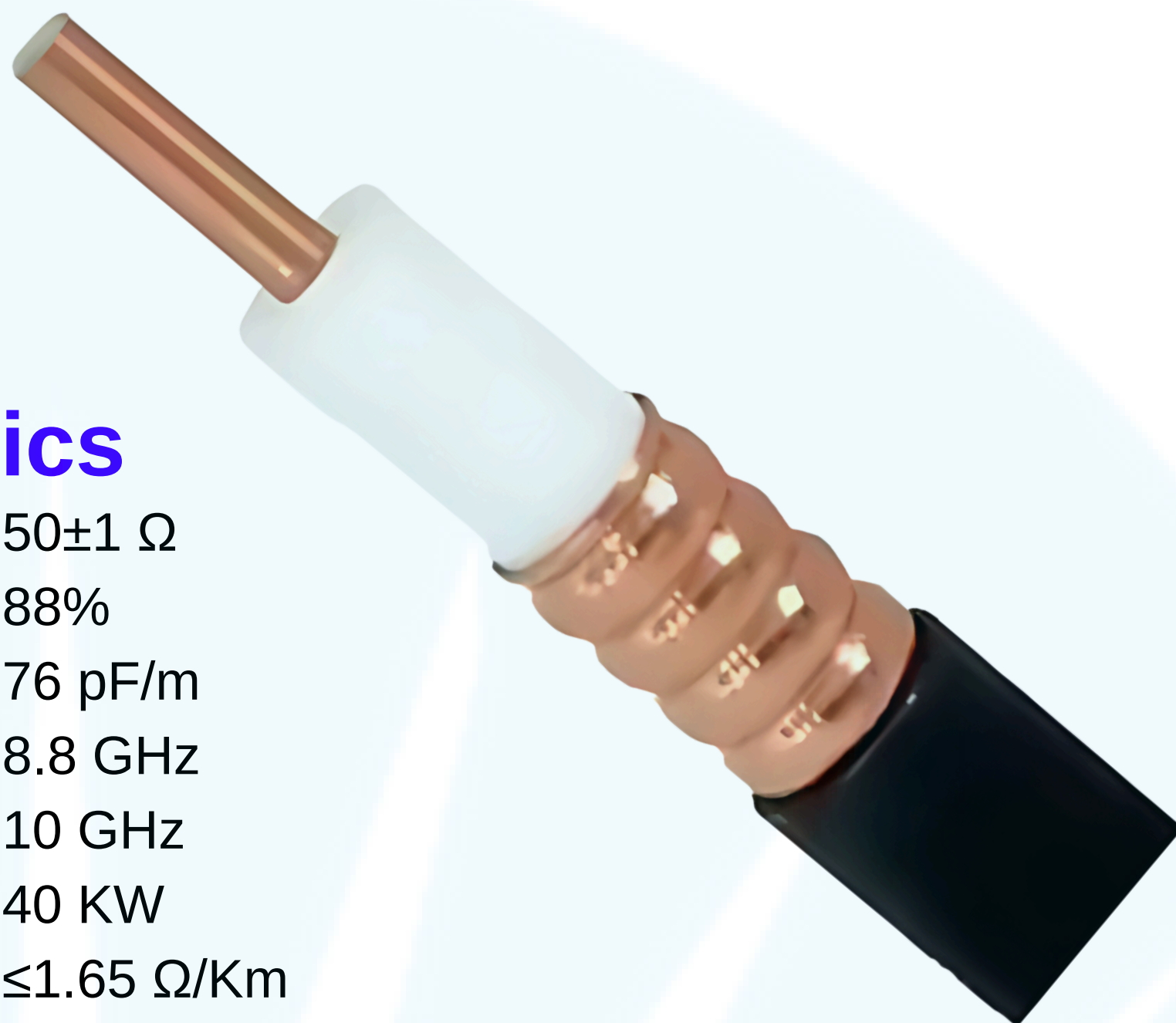


RF FEEDER CABLE 1/2" FLEX



An ISO 9001: 2015 Certified Company



Electrical Characteristics

Impedance	50±1 Ω	
Relative Velocity of propagation	88%	
Capacitance	76 pF/m	
Maximum operating frequency	8.8 GHz	
Cut-of frequency	10 GHz	
Peak power	40 KW	
Inner conductor DC-Resistance	≤1.65 Ω/Km	
Outer conductor DC-Resistance	≤2.60 Ω/Km	
Inductance	0.190 μH/m	
DC breakdown voltage	4000 V	
Jacket spark voltage (rms)	8000 V	
Insulation resistance	≥10 GΩKm	
Passive intermodulation	≥160 dBc	
Return loss (800~1000) MHz	≥26 dB	VSWR ≤ 1.1
Return loss (1700~2200) MHz	≥24 dB	VSWR ≤ 1.13

Mechanical Characteristics

Inner Conductor	Copper clad aluminium wire	4.8 mm
Dia over Dielectric	Foamed PE	12.0 mm
Dia over outer conductor	Corrugated copper tube	13.7 mm
Diameter over outer jacket	PE	16 mm
Cable weight	PE	210 Kg/Km
Tensile strength		1200 N
Bending moment		5 Nm
Flat plate crush strength		20 N/mm
Min.bending radius single		70 mm
Min.bending radius repeated		120 mm
No.of bends, minimum(typical)		15(50)
Recommended hanger spacing		0.8 m
Installation temperature		-40°C~+60°C
Operating temperature		-55°C~+85°C
Storage temperature		-70°C~+85°C

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