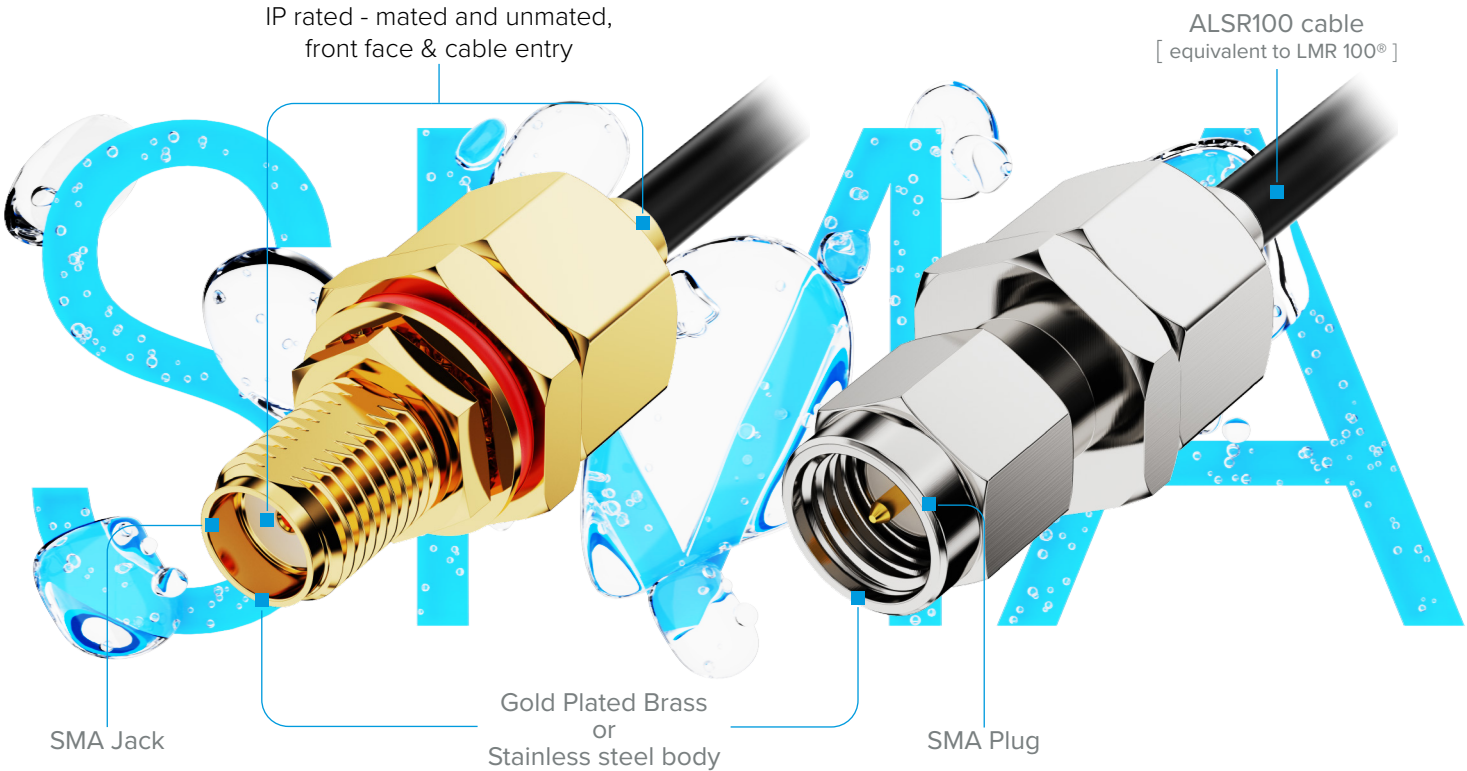


SMA Extender Assembly — IP67, IP68 & IP69K

key features

- > IP67, IP68 & IP69K rated
- > IP rated - mated and unmated, front face & cable entry
- > Gold plated brass, SUS304 & SUS316 stainless steel options

The CAB606, 613, and 616 series of SMA extender cables meet IP67, IP68, and IP69K standards at the interface and cable side - mated and unmated. This patented solution allows for a reliable fit-and-forget installation, preventing liquid and dust ingress without extra protection. Offered in SMA jack-jack, jack-plug, and plug-plug configurations, these cables support frequencies from DC to 6GHz and come in different lengths for your needs. Stainless steel variants are also available for harsh environments.



Product Specifications

Interface	Frequency	Impedance	IP Rating	Temp Range	Cable Type
SMA jack or plug	DC to 6GHz	50Ω	IP67, IP68, IP69K	-40°C to +85°C	ALSR100 - Black*

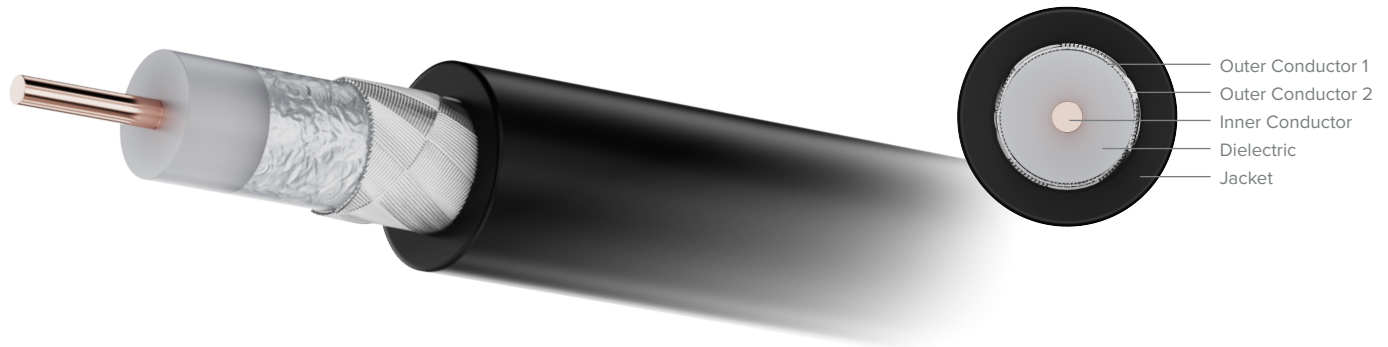
*equivalent to LMR 100®

Application



ALSR-100 PE Coaxial Cable

Product Specification | Equivalent to LMR-100®



Inner Conductor	Dielectric	Outer Conductor 1	Outer Conductor 2	Jacket
Material Copper Clad Steel Size 1/0.46 ± 0.02mm Color Copper	Material Solid PE Size 1.52 ± 0.05mm Color Natural Color	Material Laminated Aluminum Tape Size 1.65 ± 0.10mm Color Silver	Material Tinned-Copper Braid (80* Φ0.10mm) Size 2.05 ± 0.10mm Color Silver	Material PE Size 2.80 ± 0.10mm Color Black

Electrical Properties

Description	Specification
Impedance	50 ± 3 Ω
Capacitance	101 ± 5 pF/m
Velocity ratio propagation	66%
Conductor Resistance	280 Ω/km
Insulation Resistance	1000 MΩ/km
Dielectric Strength	V(DC) 500
Withstand voltage of jacket	V(AC) 2000
Maximum operating frequency	8500 MHz
VSWR Test (0~3GHz)	≤ 1.30
VSWR Test (3~6GHz)	≤ 1.40
VSWR Test (6~8.5GHz)	≤ 2.00

Physical Properties

Description	Specification
Item	ALSR-100
Minimum Bend Radius	Loaded 28mm
	Unloaded 14mm
Temperature Rating	-40°C ~ +85°C

Attenuation (Allowable tolerance±15%)

Frequency (MHz)	150	200	220	450	900	1500	1800	2000	2500	3000	4000	5000	6000	7000	8500
dB/100m	29.4	34.1	35.8	51.9	74.9	98.7	109.0	115.5	130.6	144.6	178.0	201.0	225.0	245.0	275.0

Disclaimer: The image shown is for illustration purposes only and may not be an exact representation of the product.