

DATASHEET

JS-K250 series Jumpers

DS-Control: 1-0-0 / 260225

Black Jumper Cable, 0.250 type, CMR Rated

JS-NMNMxF-K250 / JS-NMNFxF-K250

JS-4M4MxF-K250 / JS-4M4FxF-K250

JS-4MR4M6F-K250 / JS-4MRNM6F-K250 (R/A)

DC-6.0GHz, N-type, 4.3-10 type Connector, Black

- Flexible .250 type, Low loss and Low PIM Jumper
- Fire Retardant Rated Jumper with black jacket
- Customized jumper length is available
- 100% tested and individually labeled with guaranteed PIM



Electrical Specification

Product Model	3ft	6 ft	10 ft
N-type /M-M	JS-NMNM3F-K250	JS-NMNM6F-K250	JS-NMNM10F-K250
N-type /M-F	JS-NMNF3F-K250	JS-NMNF6F-K250	JS-NMNF10F-K250
4.3-10 type /M-M	JS-4M4M3F-K250	JS-4M4M6F-K250	JS-4M4M10F-K250
4.3-10 type /M-F	JS-4M4F3F-K250	JS-4M4F6F-K250	JS-4M4F10F-K250
4.3-10 R/A M to 4.3-10 M	N/A	JS-4MR4M6F-K250	N/A
4.3-10 R/A M to N-M	N/A	JS-4MRNM6F-K250	N/A
Frequency (MHz)	DC-6000MHz		
Insertion Loss(dB). typical			
380MHz	0.21	0.32	0.46
500MHz	0.22	0.34	0.50
960MHz	0.26	0.42	0.64
1700MHz	0.33	0.56	0.86
1900MHz	0.35	0.59	0.92
2100MHz	0.36	0.61	0.95
2700MHz	0.41	0.73	1.15
3600MHz	0.48	0.87	1.38
3800MHz	0.50	0.90	1.43
6000MHz	0.65	1.19	1.92
Insulation Resistance (MΩ)	≥ 5000		
Insulation Withstanding Voltage (V)	≥ 1000, RMS, 50Hz @ sea level		
VSWR	≤ 1.25	≤ 1.25	≤ 1.25
PIM (dBc)	≤ -161 @ 2 x 43dBm, 4.3-10 connector, ≤ -158 @ 2 x 43dBm, N-type connector		
Impedance (ohm)	50		

Mechanical Specification

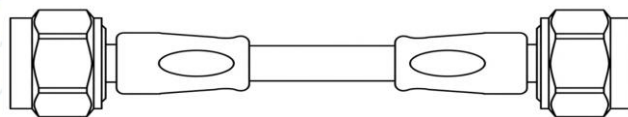
Cable Type	Flexible .250 type, super flexible cable
Cable Length	3ft, 6ft and 10ft. Can be customized
Interface Durability, number of cycles	≥ 100
Connector type	N-type, 4.3-10 type
Outer Conductor Material	Brass, Tri-Alloy Plated
Inner Conductor Material	Brass, Ag Plated
Insulator	PTFE
Shipping Dimension (in/mm)	13.8x13.8x1.2 / 350x350x30
Shipping Weight (lb./kg)	0.33/0.15 @3ft, 0.46/0.21 @6ft, 0.67/ 0.30 @10ft

Environment & Compliance

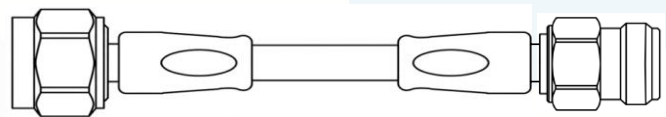
Application	Indoor/outdoor
Operating Temperature	-40°C to +85°C
Relative Humidity	Up to 95%
RoHS	Compliant
Environment	IP68
Plenum rated class	Fire Retardant

Outline Drawing

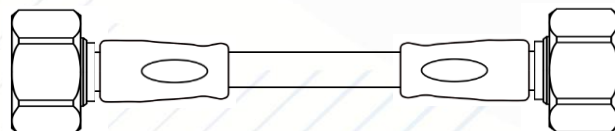
1. N-type and 4.3-10 Type Connector jumpers



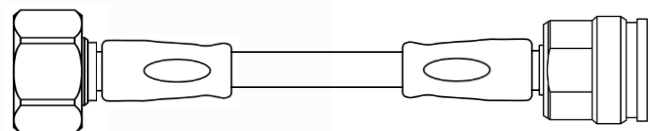
JS-NMNMxF-K250



JS-NMNFxF-K250

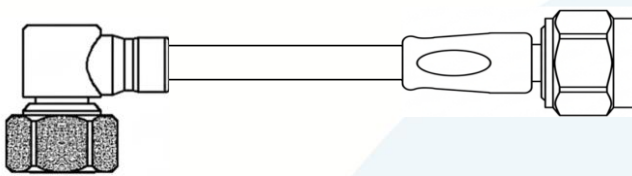


JS-4M4MxF-K250

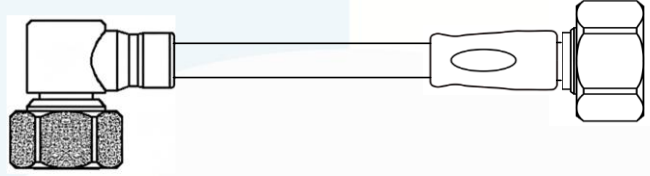


JS-4M4FxF-K250

2. 4.3-10 R/A Male jumpers



JS-4MRNM6F-K250



JS-4MR4M6F-K250

3. Jumper Bend Radius Guideline

Coax Jumper Bend Radius guideline

Please do not bend shrink tube zone

