

CELLFLEX® Factory-Fit Jumper Assembly, 1/2" Superflexible Foam,

Radio Frequency Systems' CELLFLEX® Factory-Fit Jumpers feature specially designed connectors which are soldered-on in a strictly controlled industrial process to ensure industry leading performance for today's high-performance wireless systems. The connector design and manufacturing process has been optimized to produce premium VSWR and IM levels. Injection molded boots provide reliable and repeatable additional sealing level and strain relief. Our facilities produce and stock all popular lengths as required by the industry, and can deliver custom lengths with premium VSWR and IM levels on request.

- FEATURES / BENEFITS
- Stable premium VSWR, outstanding and consistent intermodulation performance 4. 10 side not relying on coupling torque

Improves network performance, reduces the number of dropped calls and avoids revenue

- Waterproof to IP 68
- No downtime risk, secures revenue.
- Smaller connector footprint for 4.3-10
- Enables tighter spacing of connections for antennas and RRHs.
- Available with standard ""J"" or flame retardant ""JFN"" jacket types Usable in all applications.
- Compliant to RoHS (EU) and CRoHS (China) Usable on a global basis.

Technical features

STRUCTURE

STRUCTURE			
Cable Type		1/2" Superflexible Foam	
Jumper Type		Factory-Fit (Premium)	
Dielectric		PTFE	
Gasket		Silicone rubber	
Jacket		Black Polyethylene, Halogen-free acc. IEC 60754-1 and -2	
MECHANICAL SPECIFICATIONS			
Minimum Bend Radius	mm (in)	32 (1.25)	
TESTING AND ENVIRONMENTAL			
Sealing class		IP68	
ELECTRICAL SPECIFICATIONS			
Intermodulation	dBc	≤ see table below	
TEMPERATURE SPECIFICATIONS			
Installation Temperature	°C (°F)	-40 to 60 (-40 to 140)	
Operation Temperature	°C (°F)	-50 to 85 (-58 to 185)	
Storage Temperature	°C (°F)	-70 to 85 (-94 to 185)	

REV DATE : 12.Dec.2019



PRODUCT DATASHEET JUMPER-S12-FFP

CELLFLEX® Factory-Fit Jumper Assembly, 1/2" Superflexible Foam,

		Len	igth ≤ {	5m			
Frequency [MHz]		raight/Straight [dB] (VSWR)		ight/Right Angle dB] (VSWR)	Rig	iht Angle/Right Ang [dB] (VSWR)	
10-1000	10	≥32 (≤1.052)	2	≿32 (≤1.052)		≥30 (≤1.065)	
>1000-1700	2	≥30 (≤1.065)	2	230 (≤1.065)		≥30 (≤1.065)	
>1700-2200	2	≥30 (≤1.065)	2	≥30 (≤1.065)		≥28 (≤1.083)	
>2200-2700	2	≥28 (≤1.083)	2	≥28 (≤1.083)		≥26 (≤1.106)	
>2700-3800		≥26 (≤1.106)		≥25 (≤1.119)		≥22 (≤1.173)	
					I		
		Lengt	h>5≤	10m			
Frequency [MHz]		raight/Straight dB] (VSWR)		ight/Right Angle dB] (VSWR)	Rig	ht Angle/Right Ang [dB] (VSWR)	
10-1000	2	≥31 (≤1.058)		≥31 (≤1.058)		≥29 (≤1.074)	
>1000-1700		≥29 (≤1.074)		≥29 (≤1.074)		≥29 (≤1.074)	
>1700-2200		≥29 (≤1.074)		≥29 (≤1.074)		≥27 (≤1.094)	
>2200-2700		≥27 (≤1.094)		≥29 (≤1.074) ≥27 (≤1.094)		≥25 (≤1.119)	
>2700-3800		≥25 (≤1.119)		24 (≤1.135)		≥21 (≤1.196)	
		Lengt	h >10 ≤	25m			
Frequency [MHz]	[raight/Straight [dB] (VSWR)	[ight/Right Angle dB] (VSWR)	Rig	ht Angle/Right Ang [dB] (VSWR)	
10-1000		≥30 (≤1.065)		230 (≤1.065)		≥28 (≤1.083)	
>1000-1700		≥28 (≤1.083)	2	28 (≤1.083)		≥28 (≤1.083)	
>1700-2200	2	≥28 (≤1.083)	2	28 (≤1.083)		≥26 (≤1.106)	
>2200-2700	2	≥26 (≤1.106)	2	26 (≤1.106)		≥24 (≤1.135)	
>2700-3800	2	≥24 (≤1.135)		23 (≤1.152)		≥20 (≤1.22)	
		Com	hinat	ions		8	
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XXXX in the model name is the length; as well for jumper with boots acc. to nomenclature

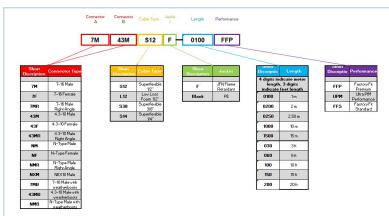
JUMPER-S12-FFP

REV : A

REV DATE : 12.Dec.2019



CELLFLEX® Factory-Fit Jumper Assembly, 1/2" Superflexible Foam,



Jumper Nomenclature

External Document Links Cable SCF12-50J Handling instruction Notes

REV DATE : 12.Dec.2019