

# PRODUCT DATASHEET GKSPEED20-114P

High speed grounding kit for CELLFLEX® LCF 114

This Grounding Kit has been developed by RFS for the CELLFLEX® cable series. The Grounding Kit body facilitates a proper attachment to the coaxial cable, ensuring that the performance of the coaxial cable is not being compromised. The tin plated copper mesh provides a secure, low resistance contact to the cable outer conductor. The installation only takes a few minutes. No additional sealing with mastic and electrical tape required.

### FEATURES / BENEFITS

- Compatible with both copper and aluminium cable types i.e. one Grounding Kit for both outer conductor materials eliminates the risk of faulty Grounding Kit installation and helps to keep inventory down.
- This kit has been verified by independent labs to withstand the damaging effects of lightning current in excess of 100kA 8/20µs. The copper wire provides the most practical and effective low inductance transfer of lightning induced current to ground.
- No influence on the electrical transmission characteristics of the coaxial cable.
- Robust mechanical design.
- UV resistant according to DIN EN ISO 4892-2 (Plastics Methods of exposure to laboratory light sources Part 2 Xenon-arc-lamps).
- Ozone resistant according to DIN 53509 (Testing of rubber Determination of resistance to ozone cracking).
- Compliant to RoHS (EU 2002/95/EC) and CRoHS (China SJ/T11363-2006) i.e. usable on a global basis.

# **Technical features**

#### **STRUCTURE**

Coaxial Cable Accessories Hybrid Cable Accessories High Speed LCF114, UCF114, HB114 Coaxial Foam Dielectric, Hybrid 1-1/4" 1	
High Speed LCF114, UCF114, HB114 Coaxial Foam Dielectric, Hybrid 1-1/4"	
Coaxial Foam Dielectric, Hybrid 1-1/4"	
1-1/4"	
1	
Grounding Kit Body: Stainless steel, with vulcanised EPDM (Ethylene-Propylene-Caoutchouc Screws: Stainless steel with safety washers Contact element: Tin-plated copper mesh	
JSTRIP-114-2	
Factory Attached	
1-hole Ø 10.2mm (13/32") crimp-on, tin-plated	
0.5 (20)	
16mm2 (7x7 strand)	
Black	
Black	
IP68	
-50 to 85 (-58 to 185 )	
-50 to 85 (-58 to 185 )	



GKSPEED20-78P shown for illustration

All values nominal unless tolerances provided; information contained in the present datasheet is subject to confirmation at time of ordering



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ackage Quantity		1	
/eight per piece	kg (lb)	0.3 (0.66)	

GKSPEED20-78P shown for illustration

External Document Links Installation Instruction

## Notes

Datasheet also applies to GKSPEED20-114GRP (gray) except for grounding wire color

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