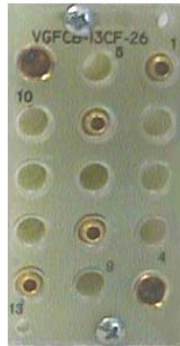


VGRCB-13C-26G



VGFCB-13C-26G

## VGRCB-13C-26G VGFCB-13C-26G

The VGRCB-13CF-26G and the VGFCB-13CF-26G provide 13 contacts for mini-coax operating in the KA band. Mini-coax contacts are provided for signals from DC to 26 GHz. Two precision alignment pins per block ensure proper alignment. Two shoulder mounting screws in the VGRCB-13CF-26 block allow the block to float in the receiver. Blocks, contacts and cables sold separately.

### Contact Pair Specifications

Voltage ..... 1000V RMS  
Current ..... 5 Amps  
Bandwidth ..... DC - 26 GHz  
VSWR ..... 1.08 - 1.15 cable dependent  
Insertion Loss ..... .03 dB @ 26 GHz  
Durability ..... >20,000 cycles  
Connection Type ..... SMA

### Application Notes

Specifications are for contacts only. High Performance Cable Assemblies: Utilizing LMR cable, solutions are available from DC to 26GHz.

For Reference Only

| Cable Type | Impedance | Max Freq.<br>(Ghz) | Atten@Max.<br>Freq. -dB/100ft |
|------------|-----------|--------------------|-------------------------------|
| Tflex405   | 50        | 26                 | 133                           |
| RG-142B/U  | 50        | 26                 | 91                            |
| LMR200     | 50        | 26                 | 60                            |
| LMR400     | 50        | 26                 | 26                            |

### Ordering Information

Receiver Module ..... VGRCB-13C-26G  
Receiver Coaxial Contact Part Number ..... A35468  
Receiver contact connection style ..... SMA

Fixture Module ..... VGFCB-13C-26G  
Fixture Coaxial Contact Part Number ..... A35471  
Fixture contact connection style ..... SMA

### Identical Cable Assemblies for Fixture/Receiver

All cables SMA Male to SMA Male at Opposite End:

36" 50Ω Tflex405 ..... CRF-CA50TFLEX405/SMA-36 ..... A35608  
72" 50Ω Tflex405 ..... CRF-CA50TFLEX405/SMA-72 ..... A35609  
36" 50Ω LMR200 ..... CRF-CA50LMR200/SMAM-36/SMAM ..... A35756  
36" 50Ω LMR400 ..... CRF-CA50LMR400/SMAM-36/SMAM ..... A35757

SMAM = SMA Male

### Accessories

Extraction Tool (shown) ..... A35464  
SMA Connector Torque Wrench ..... A31887  
Related Information ..... Data Sheet ..... VG Cabling Solutions Matrix

