

AAMCS-PWD-4W-18G-40G-10W-2.9f

AA MCS

18-40GHz

4ways power divider, 10W

FEATURES

- Ultra broadband
- Stripline architecture
- Minimal RF Insertion Loss
- High Reliability, High Isolation



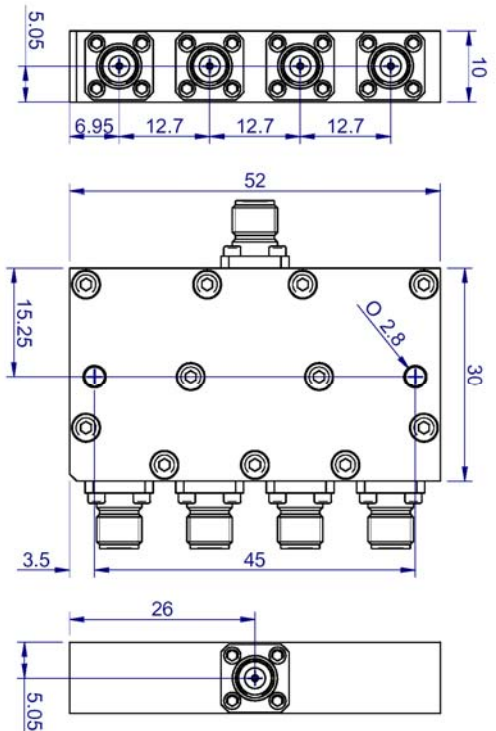
PASSIVE COMPONENTS

DESCRIPTION

The power/divider combiner offered by AA MCS are designed for both commercial and military applications on range DC-50GHz. Models are available in connectorized SMA, BNC, N, TNC (option) packages, depending on the frequency. All units are designed and manufactured to ensure statistical control of important parameters such as insertion loss and input/output return loss, with power up to more than 1 kWatt.

Electrical Specifications

| | | |
|------------------------------|-----|---------------|
| Bandwidth | | 18-40GHz |
| Insertion Loss | Max | 3.5 dB |
| Isolation | Min | 10 dB |
| Amplitude Balance | Max | 1.3 dB |
| Phase Balance | Max | 16 Deg |
| VSWR | Max | 2:1 |
| Power CW | Min | 10 W |
| Connector | | 2.92mm f |
| Operating Temperature | °C | -40 to +85°C |
| Storage Temperature | °C | -55 to +125°C |
| Waterproof ness | | IP50 |



Amplitude & Phase Balance are the ratio between ant 2 output in dB or Deg respectively

Power indicated for load VSWR better than 1.20:1

Outline is subject to change without prior notice

Size in mm



AA MCS
MICROWAVE COMPONENTS AND SYSTEMS

AA Sa 18, rue Nicolas Appert F-91898 ORSAY - FRANCE

Tel : +33 (0)1 76 91 50 12 – Fax : +33 (0)1 76 91 50 31 – www.aa-mcs.com

11/11