

CPS 2

Cable power splitter/combiners for coupling 2 antennas to a common feeder

DESCRIPTION

- The CPS 2 series of power splitters are manufactured using high quality coaxial cable and connectors.
- The CPS 2 power splitters use quarter wave coaxial cable transformer sections to match two or more loads to one source.
- Phase shift can be incorporated to produce electrical beam tilt with phased dipole arrays.
- The junction points on the CPS 2 power splitters are completely encapsulated with epoxy resin within a high grade aluminium tube totally preventing dust and moisture ingress.



SPECIFICATIONS

| ELECTRICAL | |
|-------------------|--|
| FREQUENCY RANGE | 66 – 470 MHz |
| INPUT IMPEDANCE | 50 Ω |
| BANDWIDTH | \pm 20% of centre frequency |
| VSWR | <1.3:1 |
| MAX. INPUT POWER | 500 W |
| MECHANICAL | |
| INPUT CONNECTION | 1 m length RG 213 c/w 'N' type female |
| OUTPUT CONNECTION | 'N' type male on quarter-wave length RG 11 cable |
| BODY | Aluminium tube 38.1 mm |
| INSULATOR | Epoxy resin encapsulant |



PROCOM France S.A.R.L. se réserve le droit
d'améliorer les spécifications sans préavis.
17/02/15

ORDERING DESIGNATIONS

| TYPE | FREQ. | PRODUCT NO. |
|-----------|---------------|-------------|
| CPS 2-78 | 66 - 88 MHz | 123001050 |
| CPS 2-98 | 88 - 108 MHz | 123001051 |
| CPS 2-127 | 110 - 140 MHz | 123001052 |
| CPS 2-160 | 140 - 180 MHz | 123001053 |
| CPS 2-200 | 180 - 220 MHz | 123001054 |
| CPS 2-405 | 380 - 430 MHz | 123001055 |
| CPS 2-445 | 420 - 470 MHz | 123001056 |