

CPS 4

Cable power splitter/combiners for coupling 4 antennas to a common feeder

DESCRIPTION

- The CPS 4 series of power splitters are manufactured using high quality coaxial cable and connectors.
- The CPS 4 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 4 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	±12% 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 0.5 m RG 213
BODY	Aluminium tube 38.1 mm
INSULATOR	Epoxy resin encapsulant



PROCOM A/S reserve the right to amend specifications without prior notice.
26/11/14

ORDERING DESIGNATIONS

TYPE	FREQ.	PRODUCT NO.
CPS 4-78	66 - 88 MHz	123001064
CPS 4-98	88 - 108 MHz	123001065
CPS 4-127	110 - 140 MHz	123001066
CPS 4-160	140 - 180 MHz	123001067
CPS 4-200	180 - 220 MHz	123001068
CPS 4-405	380 - 430 MHz	123001069
CPS 4-445	420 - 470 MHz	123001070