

The CPS series of power splitters are manufactured using high quality coaxial cable and connectors. The CPS 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 power splitters are completely encapsulated with polyurethane resin within a high grade aluminium tube totally preventing dust and moisture ingress.



Frequency range	Manufactured between 27-500 MHz
Input impedance	50Ω
Bandwidth	± 12% of centre frequency
VSWR	<1.3:1
Maximum input power	500 Watts
Input connection	1m Length RG213 c/w 'N' type female
Output connections	'N' type male on 0.5m RG213
Body	Aluminium tube 38.1mm
Insulator	Polyurethane resin encapsulant

Ordering Codes

Stock code	Frequency
CPS4-78	66-88MHz
CPS4-98	88-108MHz
CPS4-127	117-137MHz
CPS4-160	145-175MHz
CPS4-200	192-208MHz
CPS4-405	380-430MHz
CPS4-445	420-470MHz