

ELECTRICAL DATA**FREQUENCY BANDS:**

TV VHF B.I (47÷88 MHz)

Radio FM VHF B.II (87.5÷108 MHz)

TV/DAB VHF B.III (174÷240 MHz)

TV UHF B.IV/V (470÷860 MHz)

Tuned in any frequency between 40÷2800 MHz

V.S.W.R: ≤ 1.06:1 (-30 dB)**IMPEDANCE:** 50 Ohm**INSERTION LOSS:** 0.05 dB**MECHANICAL DATA****INPUT CONNECTOR:**

N - 7/16 - 7/8" - 1+5/8" - 3+1/8" - 4+1/2" - 6+1/8"

NUMBER OF OUTPUTS: 2 - 3 - 4 - 5 - 6 - 8 - 9 - 12 - 16**OUTPUT CONNECTORS:**

N - 7/16 - 7/8" - 1+5/8" - 3+1/8" - 4+1/2"

MOISTURE PROTECTION:

power splitter with EIA flanges are pressurizable.

PRESSURIZATION: 5.0 psi**MOUNTING:** power splitters are supplied with fixing collar optional brackets (code XDV) for Ø 30 ÷ 114 mm (4") pole**MATERIALS:** welded brass and copper body,

aluminum or copper or brass internal lines,

teflon isolators, silicon O-Ring

TREATMENTS:

treated and painted body,

silver plated aluminum lines and contacts

POWER SPLITTER TABLE

Input	Output	Nr. Outputs
N female	N female	2, 3, 4, 6, 8
DIN 7/16 female	N female DIN 7/16 female	2, 3, 4, 6, 8 2, 3, 4, 6, 8
EIA 7/8" female	N female DIN 7/16 female EIA 7/8" female	2, 3, 4, 6, 8 2, 3, 4, 5, 6, 8 2, 3, 4, 5, 6, 8
EIA 1 5/8" female	DIN 7/16 female EIA 7/8" female EIA 1 5/8" female	4, 5, 6, 8 2, 3, 4, 5, 6, 8 2
EIA 3 1/8" female	DIN 7/16 female EIA 7/8" female EIA 1 5/8" female EIA 3 1/8" female	8, 12, 16 4, 5, 6, 8, 12, 16 2, 3, 4, 5, 6, 8 2
IEC 4 1/2" female	DIN 7/16 female EIA 7/8" female EIA 1 5/8" female EIA 3 1/8" female IEC 4 1/2" female	8, 12, 16 4, 5, 6, 8, 12, 16 2, 3, 4, 5, 6, 8 2, 3, 4, 6, 8 2
EIA 6 1/8" female	EIA 3 1/8" female IEC 4 1/2" female EIA 6 1/8" female	2, 3, 4 2, 4 2

NOTE:

special version with unequal power splitting and with maximum phase shift between ports of 5° are available on request.

**POWER
SPLITTERS**

Tutti i ripartitori di potenza garantiscono un valore di V.S.W.R. < 1.06 (-30dB) nella banda di lavoro. Posso essere forniti sia con ripartizione di potenza bilanciata che sbilanciata, fino a 16 uscite. Tutti i partitori con connettori a flangia possono essere pressurizzati.

Può essere utilizzato un Line Match addizionale per ottimizzare in sito l'impedenza d'ingresso del sistema

All power splitters are matched in the whole working band with VSWR < 1.06 (-30 dB).

Can be supplied with equal or unequal power splitting, up to 16 outputs.

All power splitters with flange connectors can be pressurized.

Additional tuning unit (Line Match) can be used to optimize the input impedance of the whole system on site.

