

## 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.*

