

RFE

MAKING
BROADCAST
SMARTER

ASP Series

FM POWER SPLITTERS





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PRODUCT DESCRIPTION

ASP Series



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ASP series FM power splitters are designed to easily achieve the best performances.

They are matched in the whole FM band with $VSWR < 1.05$.

RFE Broadcast offers a wide variety of inputs-outputs combinations.

Easy to install, they are manufactured with high quality materials that make the ASP series ideal to work in any weather and climate condition.

MAIN FEATURES

- Low insertion loss
- Amplitude and phase balanced
- Fully factory tested



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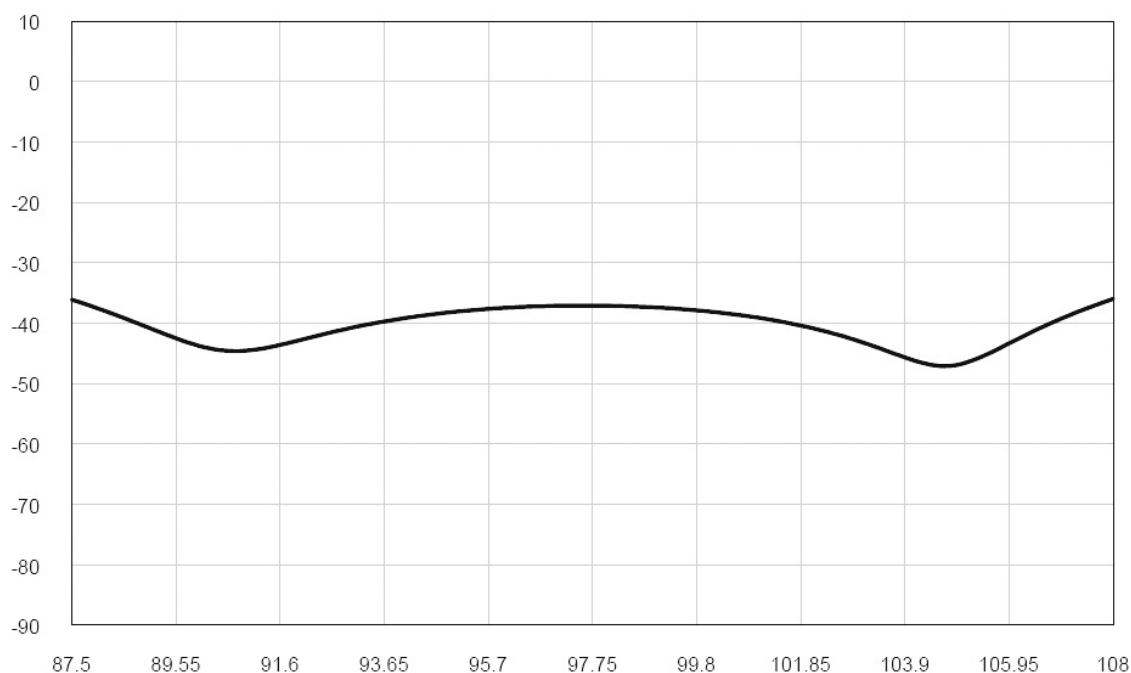


**ELECTRICAL
DATA**

| | |
|-------------------------|------------------------------|
| Frequency Range | 87.5 ÷ 108 MHz |
| Input Impedance | 50 Ω |
| V.S.W.R | $\leq 1.05 \div 1$ Broadband |
| Insertion Loss | < 0.1 dB |
| Distribution | Amplitude and phase balanced |
| Input Connector | N / DIN / EIA |
| Output Connector | N / DIN / EIA |
| N° Ways | 2 ÷ 12 |

**MECHANICAL
DATA**

| | |
|-------------------------|---|
| Size [A x B x C] | See table |
| Temperature | from -40°C to +80°C |
| Materials | Internal parts in plated brass and/or copper; External conductor in copper; PTFE Insulator; Torsion contact thermally treated or made in Cu-Be; Hot painting; Stainless steel screw OTHER MATERIALS, UNDER REQUEST. |



NOTE: MEASURE UNDER ARTIFICIAL CALIBRATED 50 Ω LOAD.





| INPUT CONNECTOR | OUTPUT CONNECTOR | N° BAYS [n] | MAX. MEAN. POWER KW | FIG. | DIMENSIONES [mm] | | SIZE [mm] |
|--------------------|---------------------|-------------|------------------------|------|------------------|------|-----------|
| | | | | | A | B | C |
| N[h] | N[h] | 2-3-4-6 | 0.8 | 1 | 80 | 1650 | 30 |
| 7/16 | N[h] | 2-3-4 | 1.5÷2.5 | 1 | 80 | 1650 | 30 |
| | 7/16 | 2-3-4 | 2.5 | | | | |
| 7/8" | N[h] | 4-6-8 | 1.8÷5 | 1 | 80 | 1650 | 30 |
| | 7/16 | 2-3-4-6 | 5 | 1 | 80 | 1650 | 30 |
| | 7/8" | 2 | 5 | 2 | 150 | 1650 | 30 |
| 1-5/8" | 7/16 | 2-3-4-5-6-8 | 5÷12 | 1÷2 | 100÷180 | 1650 | 42 |
| | 7/8" | 2-4-6 | 5÷12 | 2 | 250 | 1750 | 42 |
| 3-1/8" | 7/16 | 4-6-8 | 10÷20 | 1÷2 | 130÷210 | 1840 | 80 |
| | 7/8" | 4-5-6-8 | 20÷35 | 2 | 250 | 1840 | 80 |
| | 1-5/8" | 2-3-4-6 | 25÷40 | | 300 | 1840 | 80 |
| | 3-1/8" | 2 | 40 | | 400 | 1840 | 80 |
| 4-1/2" | 1-5/8" | 4-6-8 | 20 | 2 | 340 | 1900 | 115 |
| | 3-1/8" | 2-4 | 60÷80 | 2 | 440 | 1900 | 115 |

NOTE: OTHER CONNECTORS, N° BAYS AND POWER RATING, UNDER REQUEST.

Fig. 1

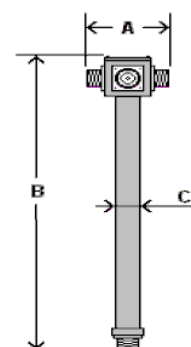


Fig. 2

