

ES Line Mast Combiners

ESV45-ESV45S-ESVUU-ESVU-ES54V



2 or 3 input line mast combiners which can be used as a demixer using the output connector as an input (mix). Impedance 75 Ohm. Adjustable plastic strap for mast mounting 60mm max. Ø. Compatible with DTT signals in COFDM modulation. Operating temperature: -10 to 55°C.

Main Specifications

- Adjustable plastic strap for mast mounting 60mm max. Ø
- High isolation between frequency bands
- Low insertion loss
- Excellent impedance matching

| | | ESV45 | ESV45S | ESVUU | ESVU | ES54V |
|--|------|--------------|-------------|----------|----------|----------|
| Fracarro code | | 226804 | 226807 | 226806 | 226801 | 226805 |
| Inputs | No. | 3 | 3 | 3 | 2 | 3 |
| Impedance | Ω | 75 | 75 | 75 | 75 | 75 |
| Input 1 | Band | VHF | VHF | VHF | VHF | V + DC |
| Insertion loss input 1 to mixed output | dB | 0.5 | 0.5 | 0.5 | 1 | 2 |
| Input 2 | Band | IV(E21-E35) | IV(E21-E32) | UHF + DC | UHF + DC | IV |
| Insertion loss input 2 to mixed output | dB | 1 | 1 | 4 | 1 | 1 |
| Input 3 | Band | V(E39-E69) | V(E36-E69) | UHF | - | VHF |
| Insertion loss input 3 to mixed output | dB | 1 | 1 | 4 | - | 1 |
| Input return loss | dB | 10 | 10 | 10 | 10 | 10 |
| Output 1 | | Mix + DC | Mix + DC | Mix + DC | Mix + DC | Mix + DC |
| Output 2 | | - | - | - | - | - |
| Main Features | | | | | | |
| Operating temperature | °C | -10 to +55 | | | | |
| Connector | Type | Clamp | | | | |
| Dimensions (L x H x W) | mm | 74 x 58 x 36 | | | | |

| Fracarro code | Item | Packaging | EAN code | Quantity | Dimensions | Net weight | Total weight |
|---------------|--------|-----------|---------------|----------|-------------|------------|--------------|
| | | | | Pcs | mm | Kg | Kg |
| 226804 | ESV45 | Single | 8016978012046 | 1 | 740x360x580 | 0.068 | 0.068 |
| | | Multiple | | 10 | 750x130x210 | 0.680 | 0.680 |
| 226807 | ESV45S | Single | 8016978012077 | 1 | 740x360x580 | 0.068 | 0.068 |
| | | Multiple | | 10 | 750x130x210 | 0.680 | 0.680 |
| 226806 | ESVUU | Single | 8016978012060 | 1 | 740x360x580 | 0.067 | 0.067 |
| | | Multiple | | 10 | 750x130x210 | 0.670 | 0.670 |
| 226801 | ESVU | Single | 8016978012022 | 1 | 740x360x580 | 0.073 | 0.073 |
| | | Multiple | | 10 | 750x130x210 | 0.730 | 0.730 |
| 226805 | ES54V | Single | 8016978012053 | 1 | 740x360x580 | 0.075 | 0.075 |
| | | Multiple | | 10 | 750x130x210 | 0.750 | 0.750 |