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Terrestrial signal combiner

3 inputs: BI/FM-BIII/DAB-UHF

3-input combiner for several terrestrial bands. Includes mast-mount case for outdoor installation.

Allows current pass from output to UHF input to power a mast amplifier or a BOSS system.

Ref.404010	Orange colour
Art.Nr	ESW34UOLTE
EAN13	8424450179734
Ref.404011	Black colour
Art.Nr	ESW34ULTE
EAN13	8424450180013

Highlights

- EasyF system: easy, quick and safe connectorization
- High-screening Zamak chassis

Main features

- DC pass
- Resistant ABS-plastic case for outdoor installation

Discover

EasyF connection system: simplicity and savings

EasyF is an innovative connection concept where the inner conductor of the coaxial cable is directly inserted in the device, thus improving connection reliability. Thanks to the absence of F connectors, the chassis can be reduced and the connection of two cables secured with a single screw.

- Real time savings: speeding the installation is possible without the need for coaxial cable termination.

Furthermore, there is no need for screwing the connectors on the device, which is sometimes difficult when there is little room

- Connection reliability: the clamp holding the cables prevents the coaxial cable to come off
- Cost savings: no additional connectors are required (neither F nor IEC)
- Space optimization: inputs and outputs are always on the same side of the device to prevent coaxial cables from bending, and to make working inside cabinets and register boxes easier
- Very easy three-step mounting: only screwing and unscrewing the covers is required to connect both cables:

1. Unscrew the device's cover to access the connection

2. Insert the previously stripped coaxial cables

3. Close the cover and screw to ensure connection

Learn more about EasyF system reliability

With EasyF, the connection between the coaxial cable and the device is carried out using an automated system for contact insertion of the inner conductor, without any soldering.

- Always as new: the device's operating life increases when the factor of solder wearing out with time is removed
- Failure rate reduction: usually produced as a result of cold soldering joints
- Electromagnetic behaviour optimization: for high frequencies
- Our commitment with environment is reinforced: pollution caused by the welding process is eliminated and production power consumption is reduced

Technical specifications

Bands		n°	BI	BIII	UHF
Frequency margin		MHz	47 ... 108	174 ... 254	470 ... 790
Attenuation	IN BI+FM => OUT	dB	1.5	> 20	> 40
	IN BIII => OUT IN VHF => OUT		> 20	2	> 40
	IN UHF => OUT		> 40	> 40	2.5
In-Out return losses		dB	10	10	10
Max current through inputs		mA	-	-	300
Protection Level		IP	23		
Temperature operat. limits		°C	-5 ... +45		