Data sheet









Indoor multiband amplifier

with high output level FUSION FX series

art. 26-545 FX3/40 V-U-U









Indoor multiband amplifier with high output level, with broadband inputs, indicated for large size TV systems.

This amplifier is designed to optimize the amplification of DTT signals in the range E05÷E12+E21÷E48, attenuating the 700 MHz band without preventing the proper functioning of the channel E48.

Protection system against short circuits with LED notification. With three inputs, an output and a monitor output (- 30 dB).

The three inputs are so distributed:

- 1 VHF band input;
- 2 UHF band inputs.

Each input is equipped with a coaxial attenuator for the gain adjustment (0÷20 dB) and a switch to enable remote power supply.

26-545

Shielded die-casting metal housing with screw F-type connectors.















Characteristics

Code

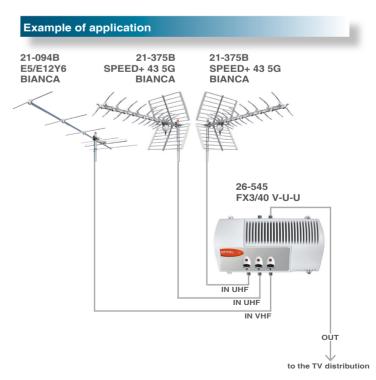
Offel s.r.l.

- Components with a high quality standard
- · High output level

item		FX3/40 V-U-U
N. of inputs		3
N. of adjustments		3
VHF band noise figure	dB	4
UHF band noise figure	dB	8
VHF band max output level*	dΒμV	121
UHF band max output level*	dΒμV	131
VHF band gain	dB ±2	40
UHF band gain	dB ±2	41
Max delivered current	mA	100
Remote power supply	Vdc	12
Max power consumption	VA	16

AC main tension 230 V~ ±10% 50Hz Isolation class Ш Dimensions (LxWxH) 245x150x50 Packaging dimensions (LxWxH) 300x162x58 Packaging weight 1,37 Kg Fit temperature -10 ÷ +55 Compliant to EU directives 2014/53/UE, 2011/65/UE

Separate amplification for VHF and UHF bands



^{*} Maximum output level measured with the method IM3 -35dBc 2 tones. Technical data refer to a temperature of 25 °C

