ا لمُ جمّ ِع ا لمُ داع ِد لذ ا لسرعة قة



- 16 IF (L-band)

16-channel combiner-equalizer of UMT production is active device specially designed to combine 16 independent IF carriers (L-band, frequency range of 950-2150 MHz) with power adjustment and AGC for each channel.

16-channel combiner equalizer - principle of operation

Image not found or type unknown

Key features:

- AGC
- manual power adjustment
- high output power linearity
- low intermodulation distortions
- small non-uniformity of a group delay
- high output signal stability
- 24/7

16-channel combiner-equalizer has 16 RF inputs for 16 IF carriers and 1 or 2 independent outputs. All inputs and outputs work in L-band. 1st output contains full spectrum combined from 16 inputs and is used for further signal transmitting. The 2d output is used for signal controlling (can be added by request) and has up to 30 dB lower signal power than the 1st input.

16-channel combiner-equalizer can be used in MVDS head-end, professional TV link and TV repeater stations due to its features such as automatic gain control (AGC) which provides high stability of output RF-signal power. The case of the 16-channel combiner-equalizer is designed for using in standard 19″

rack.

المدخلات/ المخرجات	
	16 x F 75Ω(N 50Ω–)
	1 x F 75Ω(N 50Ω–)
AUX (-20 dB)	1 x F 75Ω(N 50Ω–)
المعلومات العامة:	
MHz	950 – 2150
VSWR /	1.6
	5 dB
dBm	37 ... -7
	-10 dBm
	0 OUT dBm
مصدر الطاقة	
	110-240 VAC, 50/60Hz
البيئة	
	0 45 (32 113)
	-20 80 (-4 176)
	90%

ا لخطئرها لميكانيكية	
(W x H x D)	1RU: : 450mm x 45mm x 240mm : 49cm x 45mm x 270mm
	1RU: * Kg

(UMT ا لأمم!ضح .