

CS-OD OUTDOOR CABLE SIMULATOR UNIT



- Recommended for Fiber Deep networks

GENERAL DESCRIPTION

The Comtech outdoor cable simulator series make possible to equalize the tilted spectrum at the outputs of the multitaps after shorter cable sections starting from a node in an HFC network. The product family contains also components with high slope value, this makes the devices particularly suitable for using in Fiber Deep systems.

TECHNICAL SPECIFICATIONS

General parameters

Bandwidth [MHz]	47...1000
Insertion loss at 47 MHz	<0.5
Return loss [dB]	>18
Nominal impedance [Ω]	75
RF connector type	F
Temperature range [$^{\circ}$ C]	-20...+50
Dimensions (diameter/length with connectors) [mm]	21/47
Weight [kg]	0.03

ORDERING INFORMATION

C S X X - O D



Inverse tilt value	
3	3 dB between 47 and 1000 MHz
6	6 dB between 47 and 1000 MHz
9	9 dB between 47 and 1000 MHz
12	12 dB between 47 and 1000 MHz

Specifications are subject to change without notice!