

Microwavefilters® & ®

Microwave components for telecommunication systems



hi-performance

15 GHz
narrow band

hi-performance diplexer

Microwavefilters & TVC srl

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Due to the space constraints required by new telecom applications, we created **hype-dx**, a new line of compact products that show their maximum in portable or highly integrated equipments. They are ready to become the high performance heart of your transmitter/receiver systems.

Diplexer Characteristics

Frequency range	14.5 – 15.4 GHz
Bandwidth	28 MHz (<i>narrow band</i>)
Duplex Space	728 MHz
Isolation Tx / Rx	> 70 dB
Insertion Loss	< 2.2 dB
Return Loss	> 20 dB
Temperature Range	-33 +65 °C
Dimensions	mm 210 x 34 x 34
Connectors	Flange UBR140 (antenna) 2 x Flange UBR140 (filters)

hype-dx

Real diplexer's behaviour

