

# XDSL Splitter

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## **VISHAY components used for xDSL Splitters include:**

- MKT Film Capacitors
  - MKP Film Capacitors
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## **Application Overview**

For an xDSL network, each subscriber needs a so-called "Splitter" to divide the narrowband signals of the POTS (Plain Old Telephone Service) or ISDN (Integrated Services Digital Network) and the wideband xDSL signals. This is done by a combination of tight-tolerance low-pass and high-pass filters.

## XDSL Splitter : HIGH-LOW-SIGNAL FREQUENCY SPLITTER, Pi Filter Block

### Blocking, Coupling

Product Name	Status	Description	Features	Package	Q-Level
MKP1840M		MKP1840 XXX 40 4 5M; Metallized Polypropylene Capacitor, Mini-Version	400 V, 5%, 5 mm pitch, high pulse rates	TH / radial typ. 4.5x9.5x7.5	CECC 31 200 IEC
MKT370 BFC2 370 66 XX X		222237066XXX; Metallized Polyester Film Capacitors; MKT Radial Potted Type	400 V, 5%, 5 mm pitch	TH / radial typ. 4.5x9,0x7.2	UL-CI 94 V-0 IEC 60384-2
MKT371 BFC2 371 52 XX X		222237152XXX, Metallized Polyester Film Capacitors; MKT Radial Potted Type	400 V, 5%, 7.5 mm pitch	TH / radial typ. 5.0x10,5x10	UL-CI 94 V-0 IEC 60384-2
MKT372 BFC2 372 52 XX X		222237252XXX, Metallized Polyester Film Capacitors; MKT Radial Potted Type	400 V, 5%, 10 mm pitch	TH / radial typ. 4.0x10.0x12	UL-CI 94 V-0 IEC 60384-2
MKT373 BFC2 373 54 XX X		222237354XXX, Metallized Polyester Film Capacitors; MKT Radial Potted Type	400 V, 5%, >10 mm pitch	TH / radial typ. 5.0x11.0x17	UL-CI 94 V-0 IEC 60384-2

