

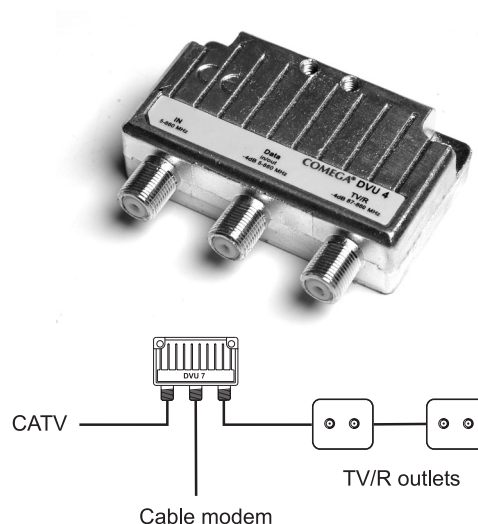
data filters

Product information

DVU products are designed to minimize noise from existing local installations when upgraded for data services. The datafilters are built to comply with CENELEC standards.

DKTCOMEGA DVU 4, DVU 7 are developed to ease the upgrade of local installations for data services with a built-in return path filter minimizing noise coming from the existing installation.

Build to comply with CENELEC standards.



Type	DVU 1-4	DVU 4	DVU 7
Item no.	41138	41134	41135
Version	Diplex	Standard	Standard
Data			
Frequency range forward (MHz)	118 - 1000	5 - 1000	5 - 1000
Frequency range reverse (MHz)	5 - 65	5 - 1000	5 - 1000
Insertion loss forward (dB)	4.0 (± 0.8)	3.5	7
Insertion loss reverse (dB)	0.6 (± 0.6)	3.5	7
Return loss	Cat. B*	Cat. B*	Cat. B*
Isolation Data-TV/R (5-65 MHz) (dB)	> 50	> 65	> 55
Isolation Data-TV/R (88-1000 MHz) (dB)	> 20	> 20	> 18
TV/R			
Frequency range (MHz)	87.5 - 1000	87.5 - 1000	87.5 - 1000
Insertion loss (88-1000 MHz) (dB)	4.0 (± 0.8)	3.5	2
Return loss	Cat. B*	Cat. B*	Cat. B*
General			
Input return loss (5-1000 MHz)	Cat. B*	Cat. B*	Cat. B*
Connectors	F-female	F-female	F-female
Screening effectiveness (5-30 MHz)	> 90 dB	> 90 dB	> 90 dB
Screening effectiveness (30-300 MHz)	> 85 dB	> 85 dB	> 85 dB
Screening effectiveness (300-470 MHz)	> 80 dB	> 80 dB	> 80 dB
Screening effectiveness (470-1000 MHz)	> 75 dB	> 75 dB	> 75 dB
Operating temperature °C	0 - 55	0 - 55	0 - 55
Dimensions (H x W x D mm)	19 x 66.5 x 50	19 x 66.5 x 50	19 x 66.5 x 50

* According to CENELEC EN50083-4; return loss Cat. B: 5-40 MHz ≥ 18 dB
40-1000 MHz ≥ 18 dB ÷ 1.5/oct.