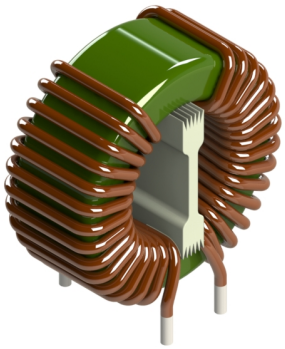
info@feryster.pl

DTS-31 CURRENT COMPENSATED CHOKES



APPLICATIONS:

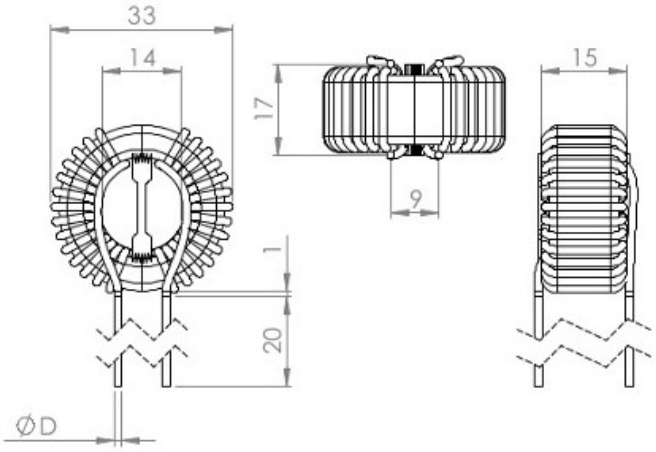
- Common-mode noise suppression on an AC power supply line and signal/data line

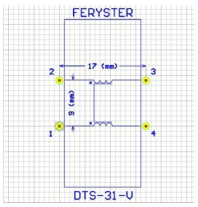
ORDERING CODE:

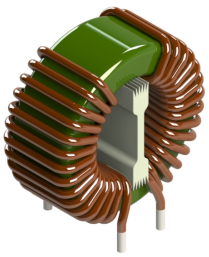
DTS -31 /22 /3,3 -V

- H - horizontal, V - vertical, CV - case vertical, CH - case horizontal, BV - base vertical, KM - KM-5 base
- rated current in Amps
- inductance in mH
- core size
- product symbol

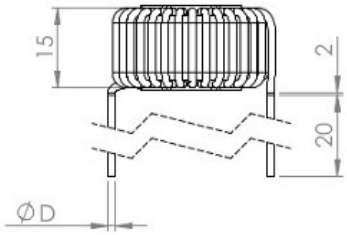
DIMENSIONS:

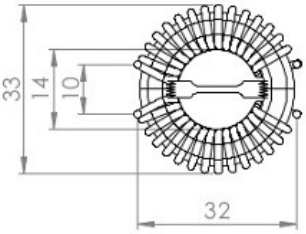


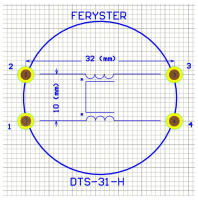


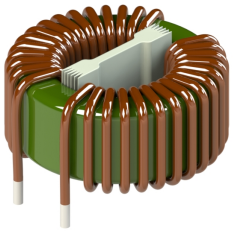


vertical version

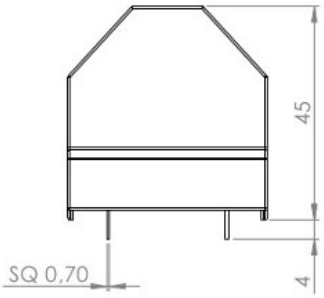


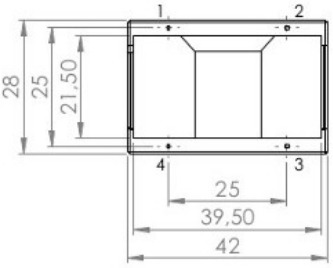


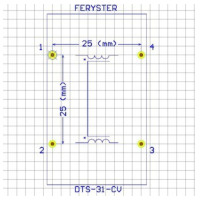


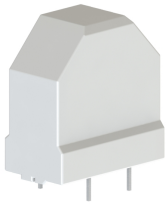


horizontal version



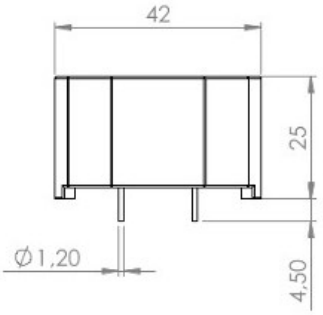


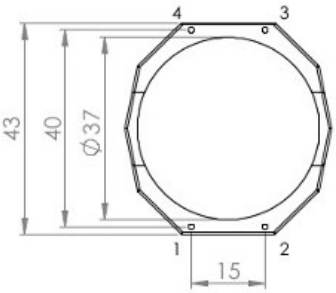


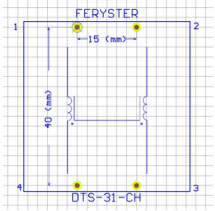


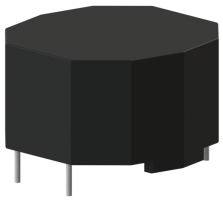
CV version
OBUD-TOR-VGH 42X21,5x45
mat: PA66 FR50 E41938

CV version



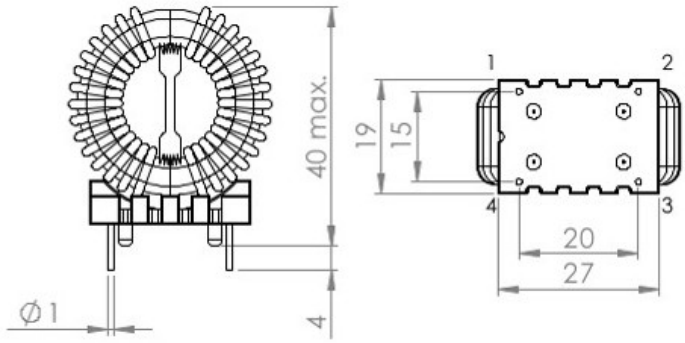


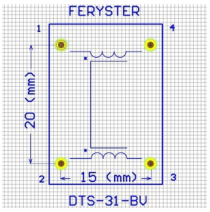


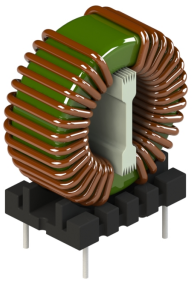


OBUD-TOR-H-39X24-F

CH version

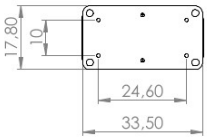


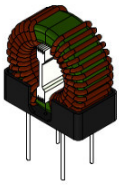


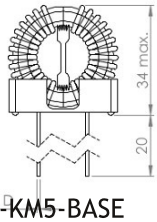


POD-27X19-10P
mat: T-375J E304813
UL EIS FER-155 class F - 155°C

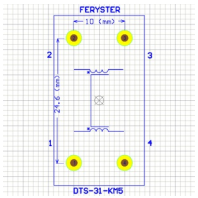
BV version

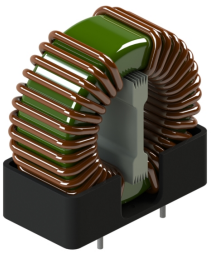






Symbol	ØD [mm]
DTS-31/22/3,3	0,724
DTS-31/15/4,0	0,786
DTS-31/10/5,0	0,882
DTS-31/6,8/5,0	0,880
DTS-31/3,3/7,8	1,102
DTS-31/2,2/10	1,304
DTS-31/1,5/15	1,508
DTS-31/1,0/18	1,612
DTS-31/0,68/20	1,712
DTS-31/0,47/25	1,914
DTS-31/0,33/25	1,914
DTS-31/0,22/30	2,118

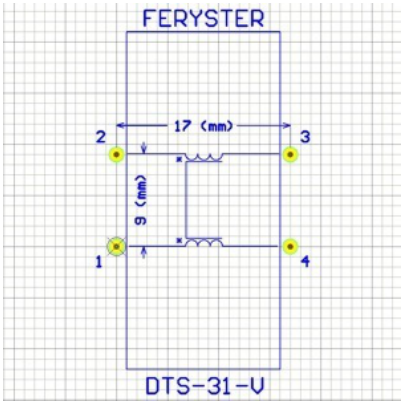


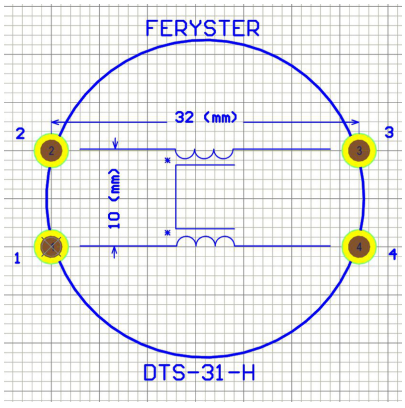


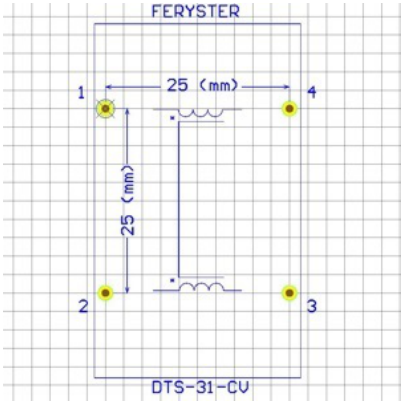
POD-FATR-KM5-BASE

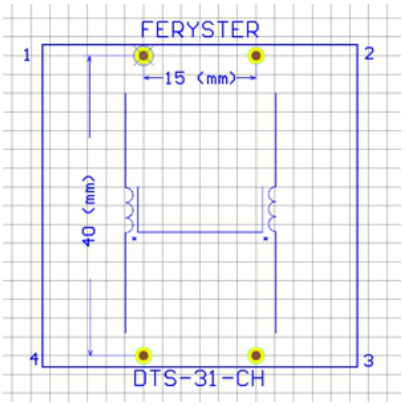
KM version

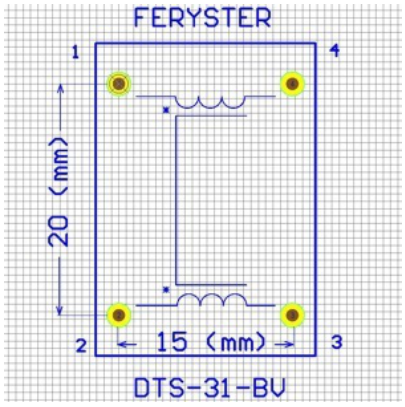
FOOTPRINTS:









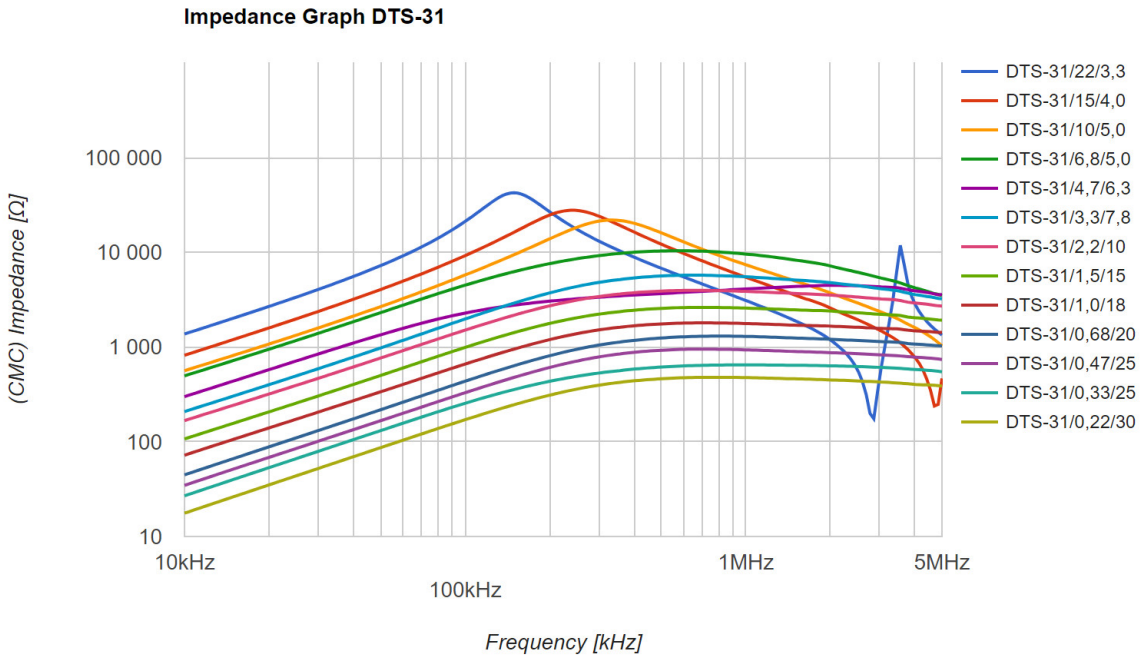


PROPERTIES:

Part number	L_{nom} [mH]	I_{nom} [A]	RDC [Ω]	Mounting version						ØD[mm]
				V	H	CV	CH	BV	KM	
DTS-31/0,22/30	2x0,22	30	2x0,001	✓	✓	–	–	–	✓	2,2
DTS-31/0,33/25	2x0,33	25	2x0,002	✓	✓	–	–	–	✓	2,0
DTS-31/0,47/25	2x0,47	25	2x0,002	✓	✓	–	–	–	✓	2,0
DTS-31/0,68/20	2x0,68	20	2x0,003	✓	✓	–	–	–	✓	1,8
DTS-31/1,0/18	2x1,0	18	2x0,004	✓	✓	–	–	–	✓	1,7
DTS-31/1,5/15	2x1,5	15	2x0,010	✓	✓	–	–	–	✓	1,6
DTS-31/2,2/10	2x2,2	10	2x0,010	✓	✓	–	–	–	✓	1,4
DTS-31/3,3/7,8	2x3,3	7,8	2x0,020	✓	✓	–	–	–	✓	1,2
DTS-31/4,7/6,3	2x4,7	6,4	2x0,023	✓	✓	–	–	–	✓	1,1
DTS-31/6,8/5,0	2x6,8	5,0	2x0,030	✓	✓	✓	✓	✓	✓	0,9
DTS-31/10/5,0	2x10	5,0	2x0,040	✓	✓	✓	✓	✓	✓	0,9
DTS-31/15/4,0	2x15	4,0	2x0,070	✓	✓	✓	✓	✓	✓	0,8
DTS-31/22/3,3	2x22	3,3	2x0,100	✓	✓	✓	✓	✓	✓	0,8

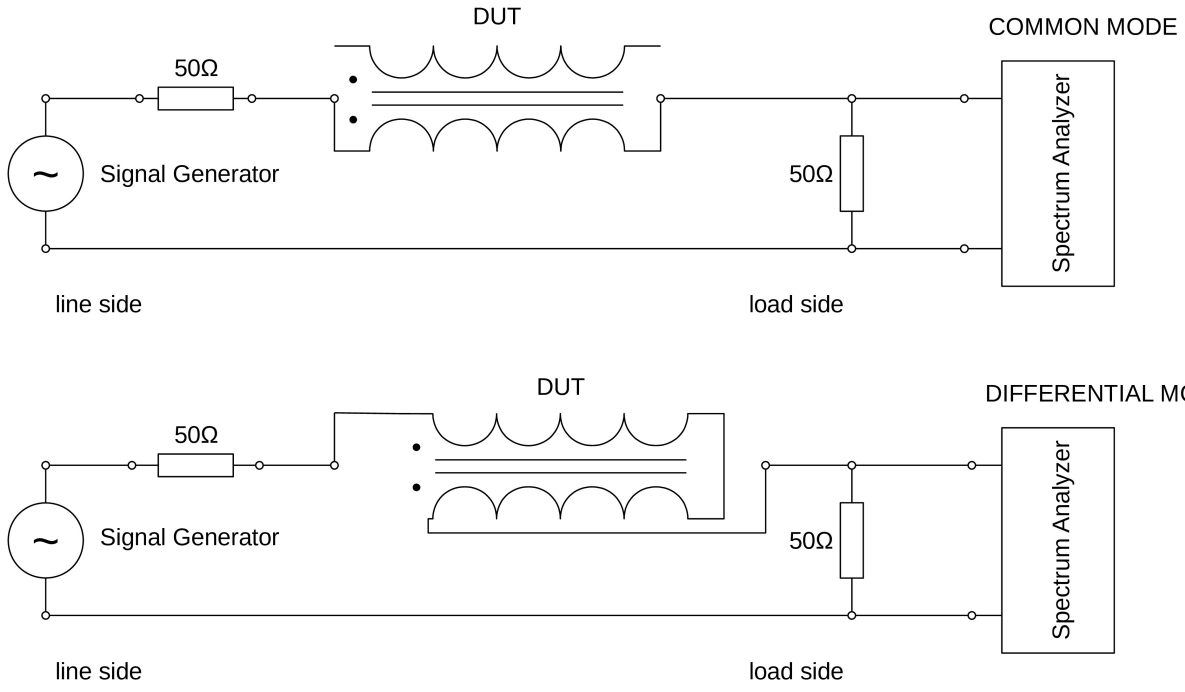
- Inductance tolerance:-20% +50%
- LCR meter f=10kHz
- Dielectric withstanding voltage 2000V
- RDC Cu wire resistance ±20%

CHARACTERISTICS:

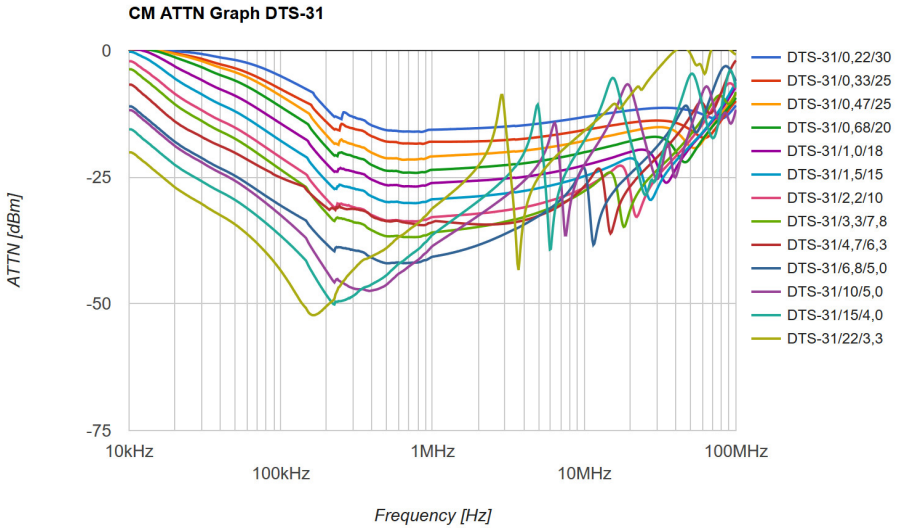


ATTENUATION MEASUREMENT METHOD:

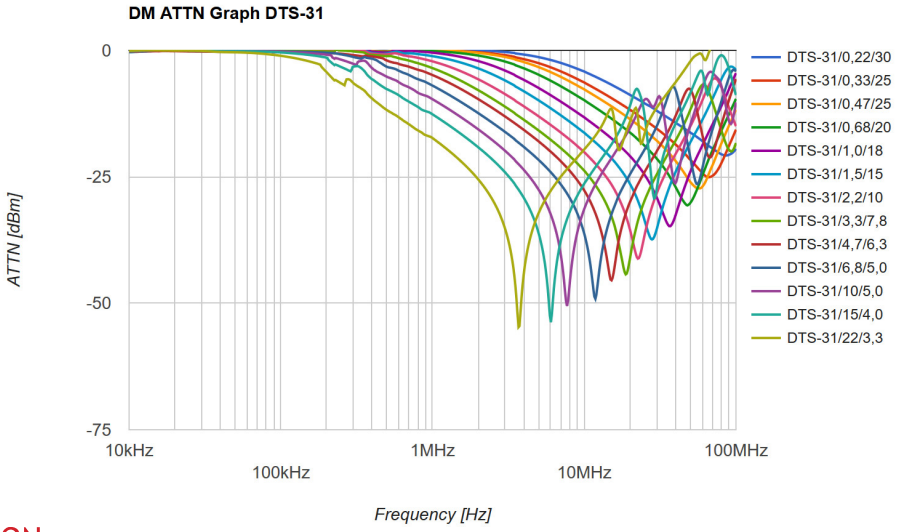
- Measured with RIGOL DSA815.



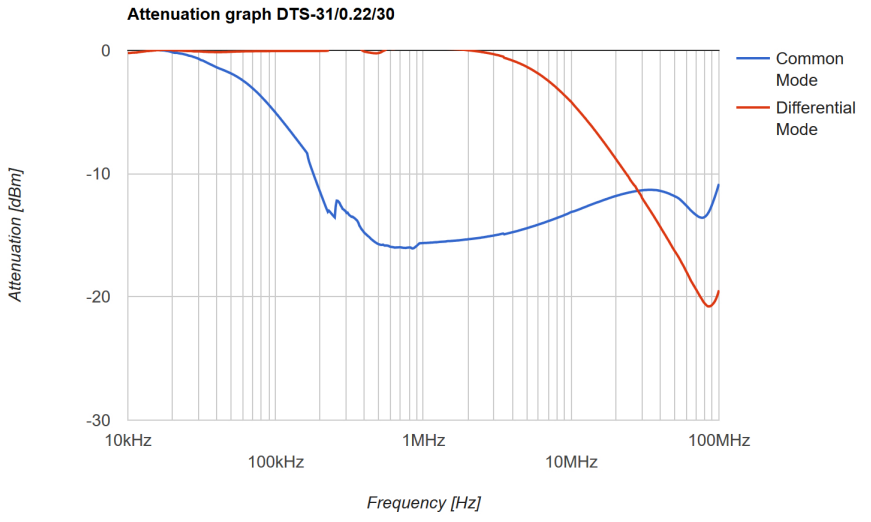
COMMON MODE ATTENUATION:



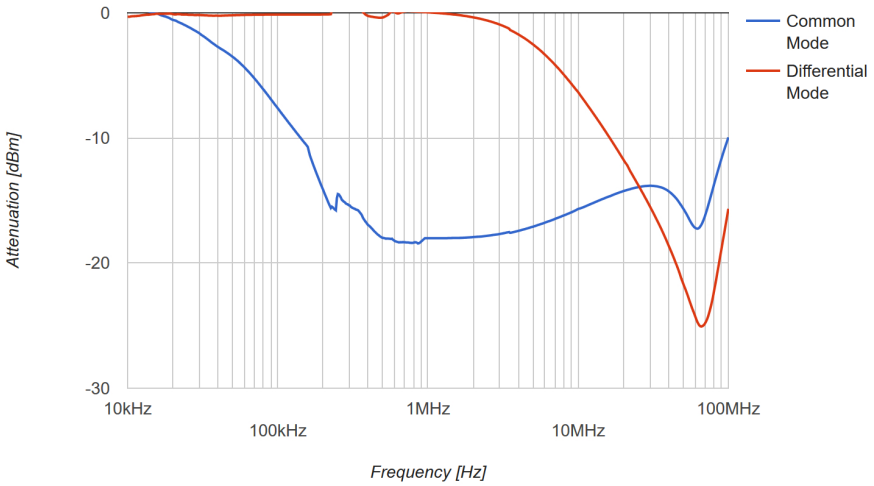
DIFFERENTIAL MODE ATTENUATION:



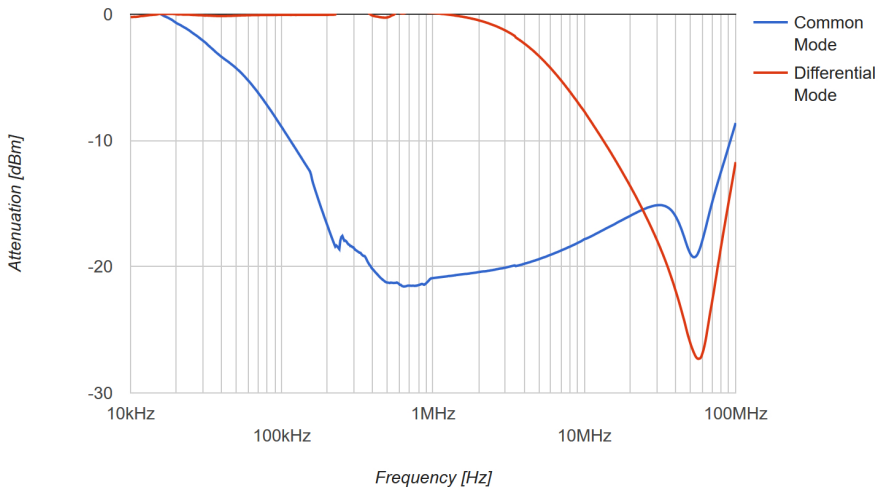
ATTENUATION:



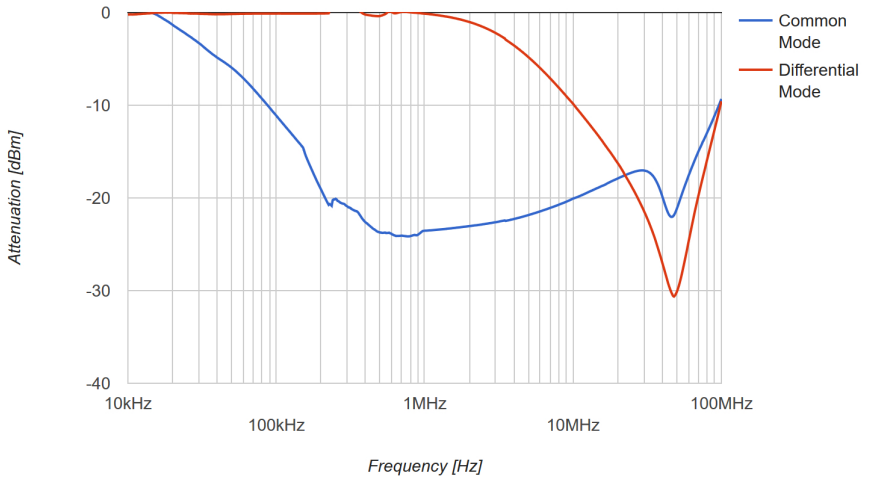
Attenuation graph DTS-31/0.33/25



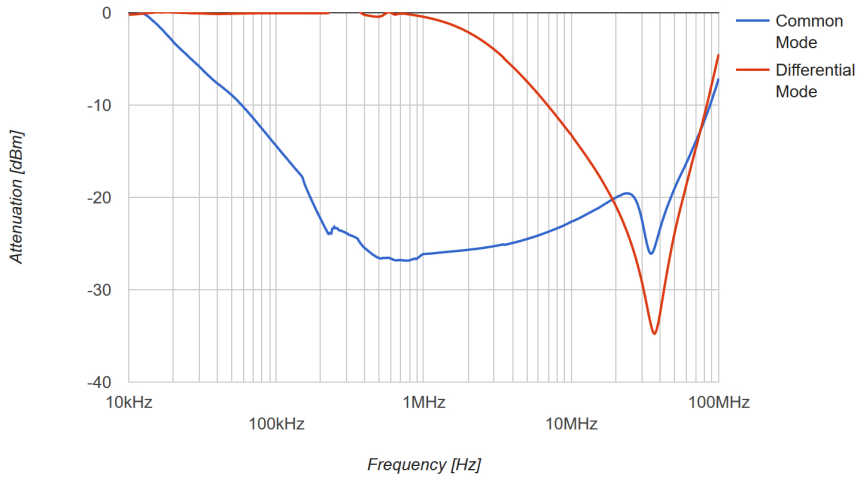
Attenuation graph DTS-31/0.47/25



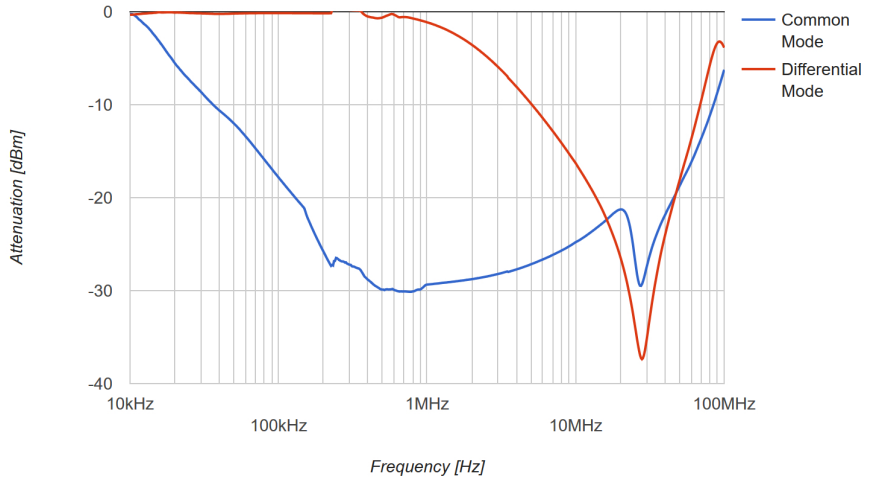
Attenuation graph DTS-31/0.68/20



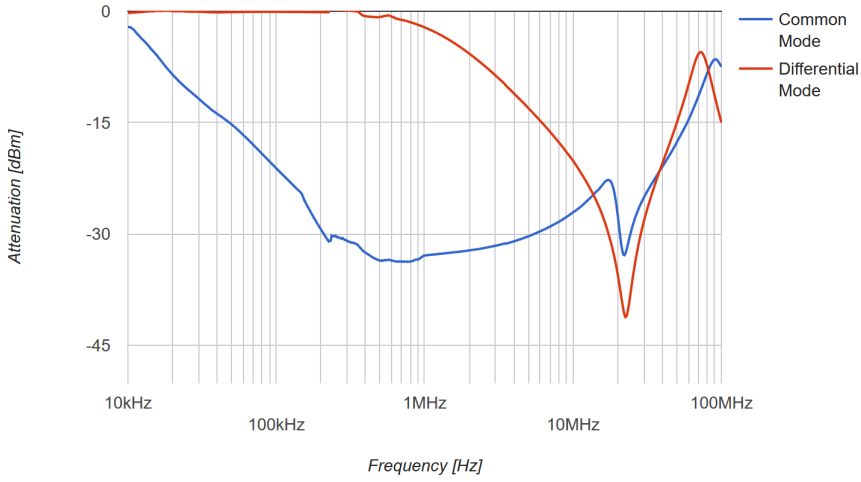
Attenuation graph DTS-31/1.0/18



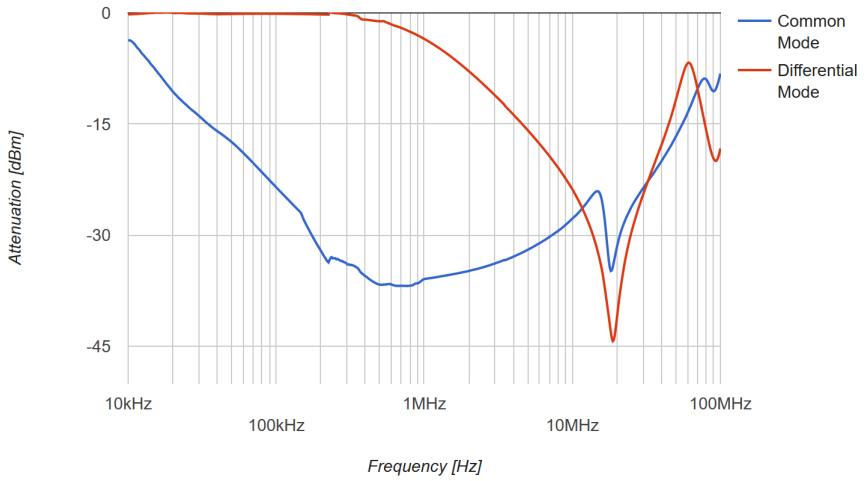
Attenuation graph DTS-31/1.5/15



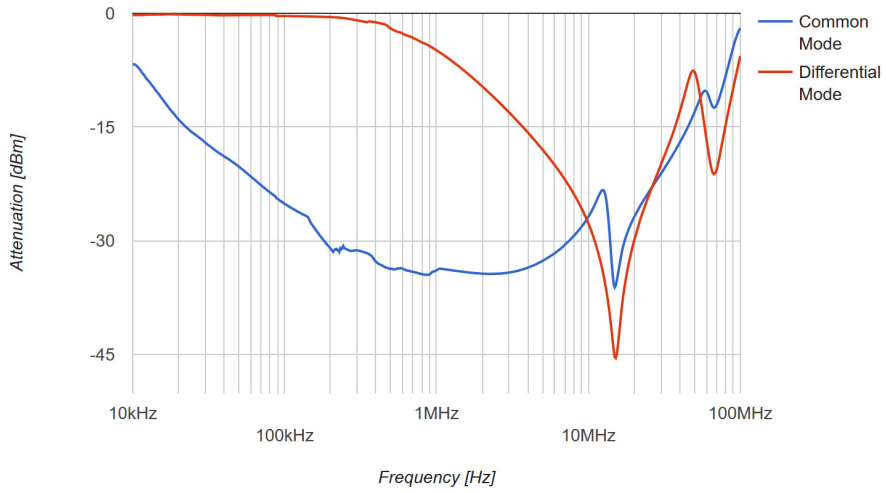
Attenuation graph DTS-31/2.2/10



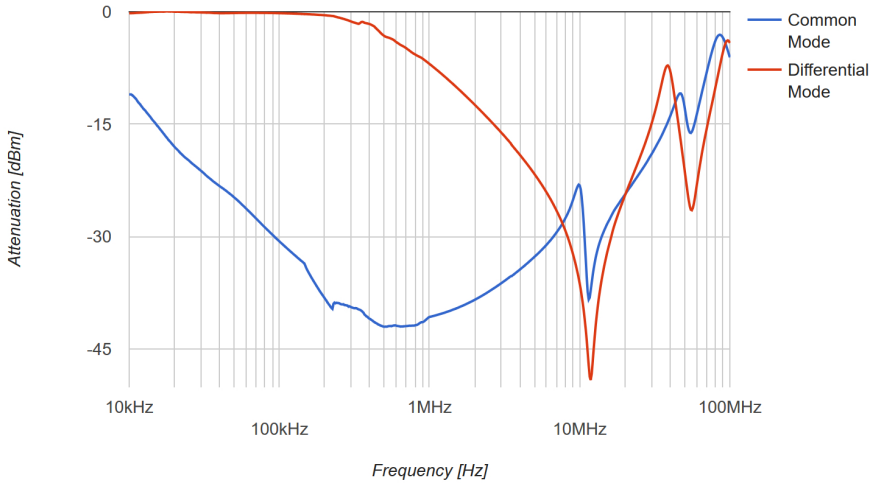
Attenuation graph DTS-31/3.3/7.8



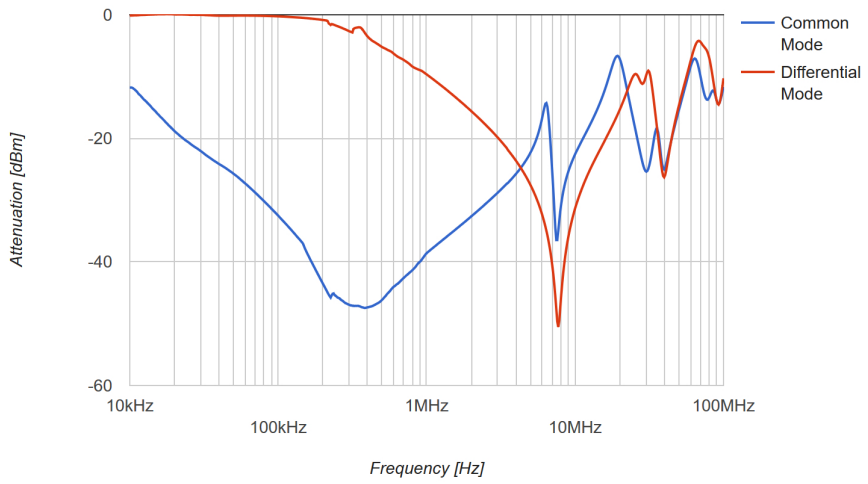
Attenuation graph DTS-31/4.7/6.3



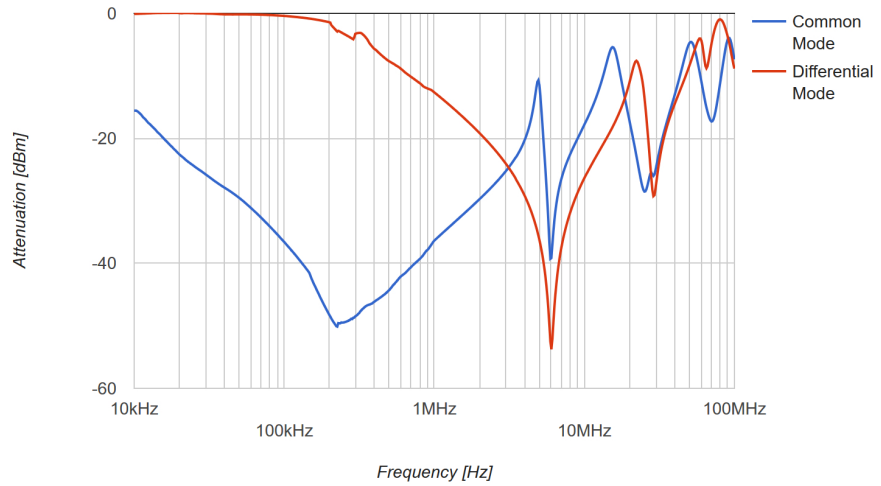
Attenuation graph DTS-31/6.8/5.0



Attenuation graph DTS-31/10/5.0



Attenuation graph DTS-31/15/4.0



Attenuation graph DTS-31/22/3.3