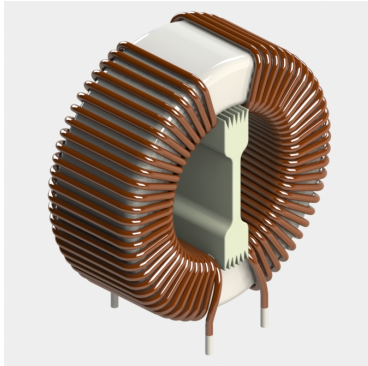


# DTS-31 CURRENT COMPENSATED CHOKES

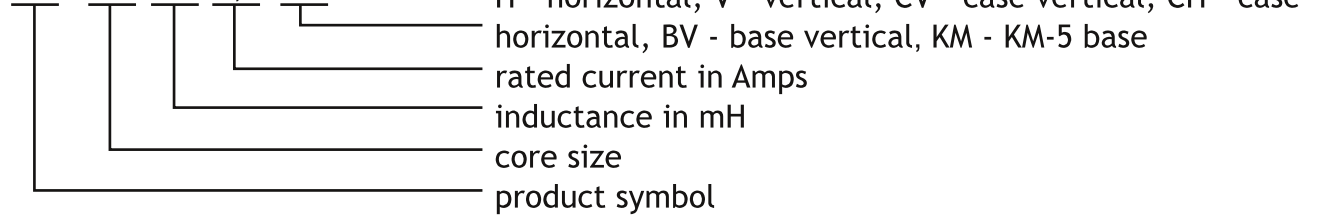


## APPLICATIONS:

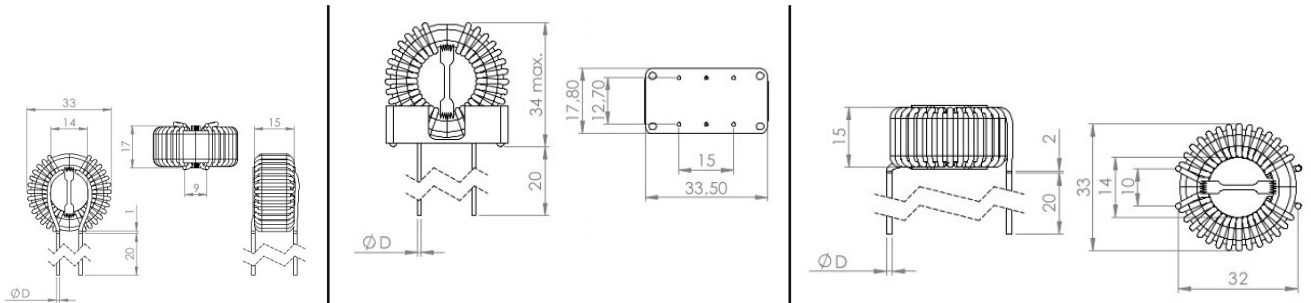
- Common-mode noise suppression on an AC power supply line and signal/data line

## ORDERING CODE:

DTS -31 /22 /3,3 -V



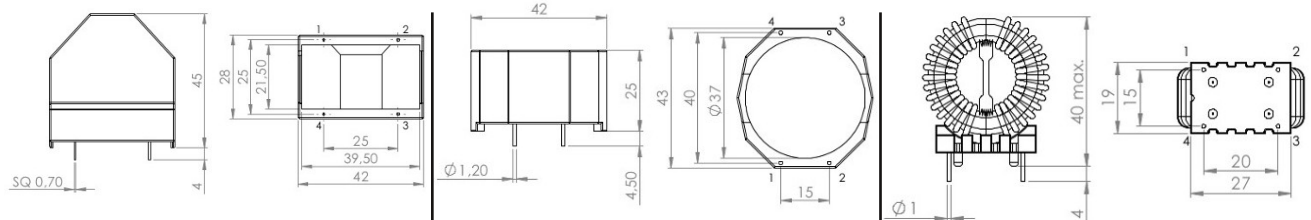
## DIMENSIONS:



vertical version

KM version  
POD-FATR-KM5-BASE

horizontal version

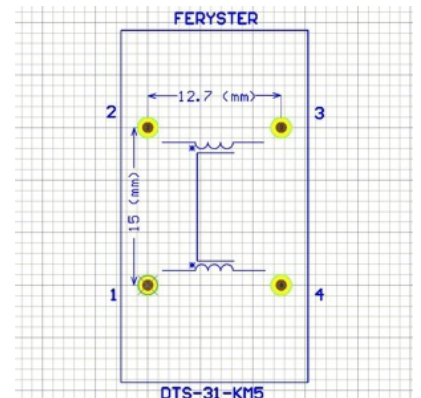
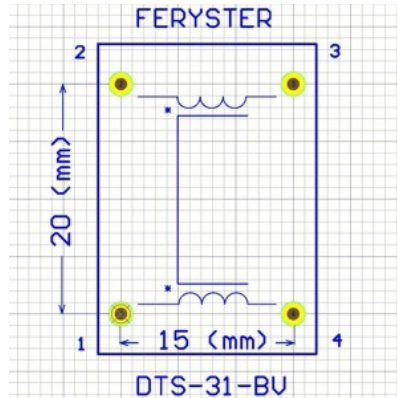
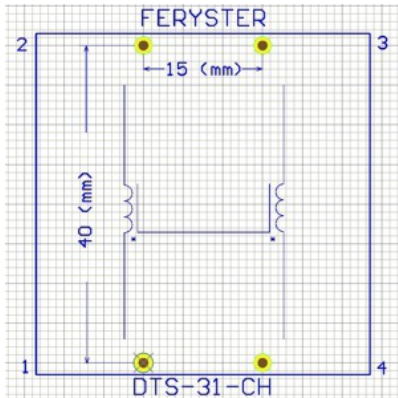
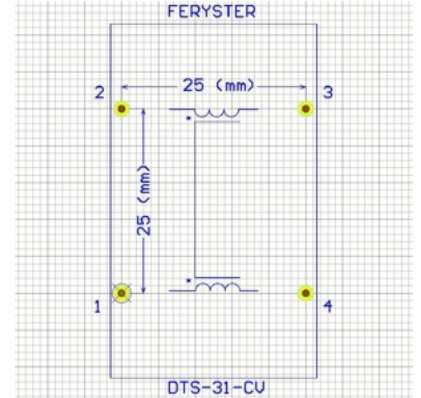
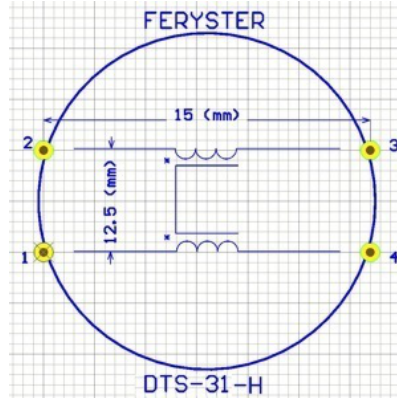
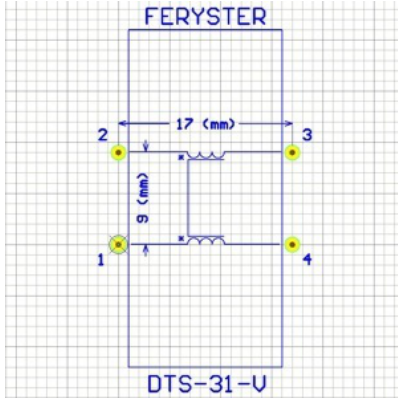


CV version  
OBUD-TOR-VGH 42X21,5x45  
mat: PA66 FR50 [E41938](#)

CH version  
OBUD-TOR-H-39X24-F

BV version  
POD-27X19-10P  
mat: T-375J [E304813](#)  
[UL EIS FER-155 class F - 155°C](#)

**FOOTPRINTS:**

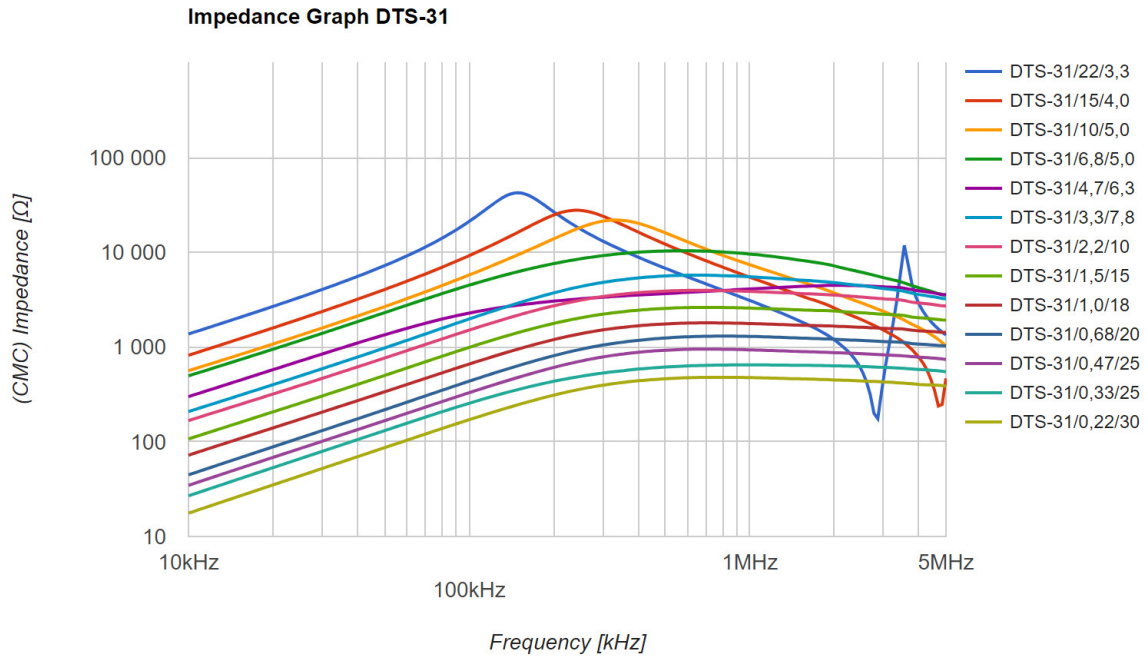


**PROPERTIES:**

Part number	$L_{nom}$ [mH]	$I_{nom}$ [A]	RDC [ $\Omega$ ]	Mounting version						$\varnothing D$ [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

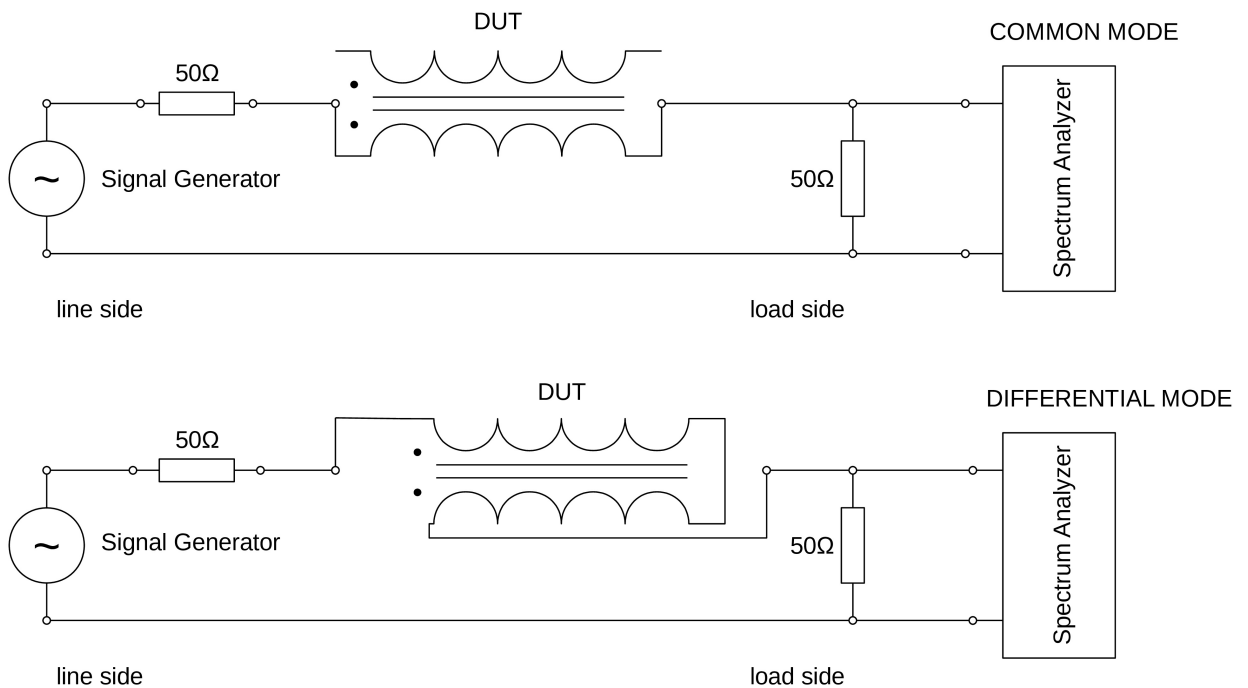
- Inductance tolerance: -20% +50%
- LCR meter  $f=10\text{kHz}$
- Dielectric withstanding voltage 2000V
- RDC Cu wire resistance  $\pm 20\%$

**CHARACTERISTICS:**

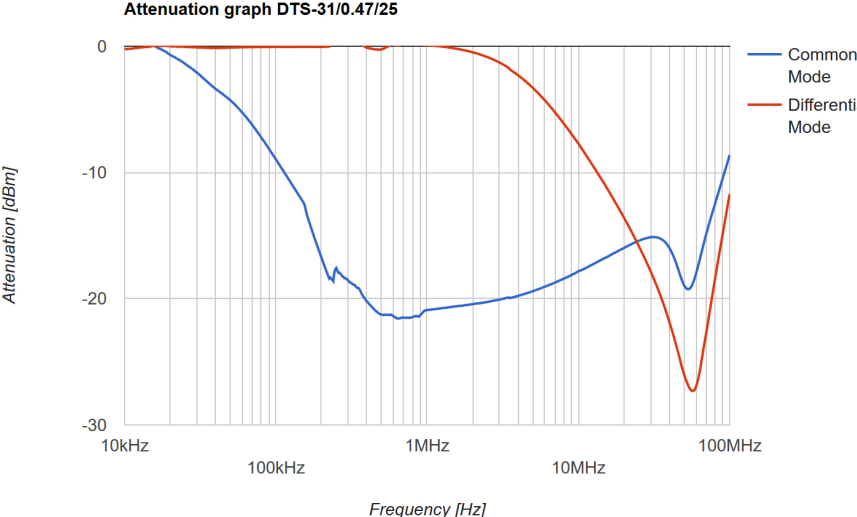
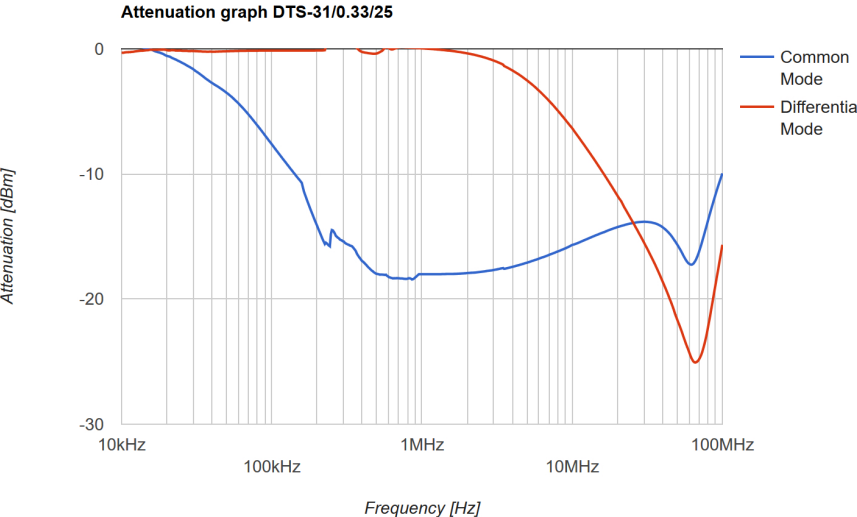
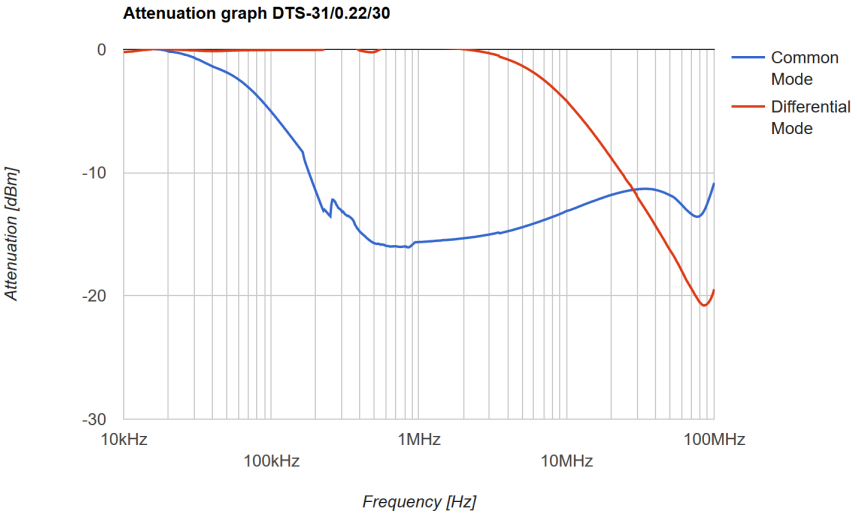


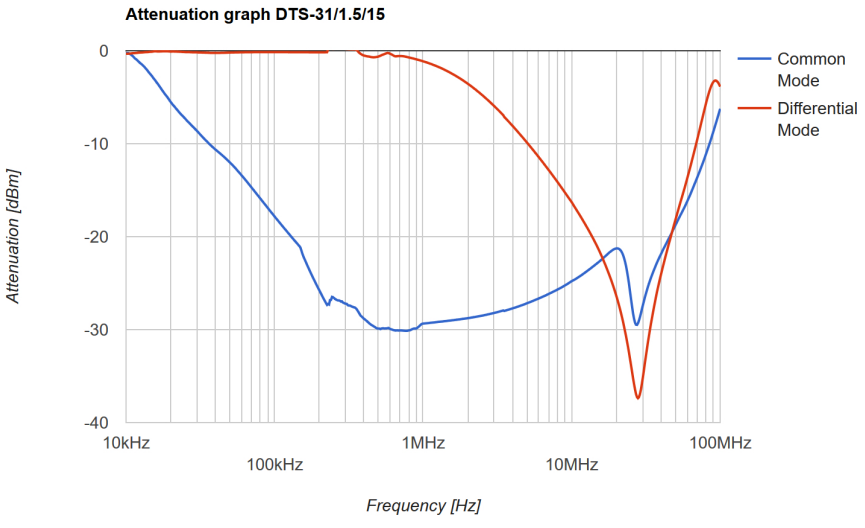
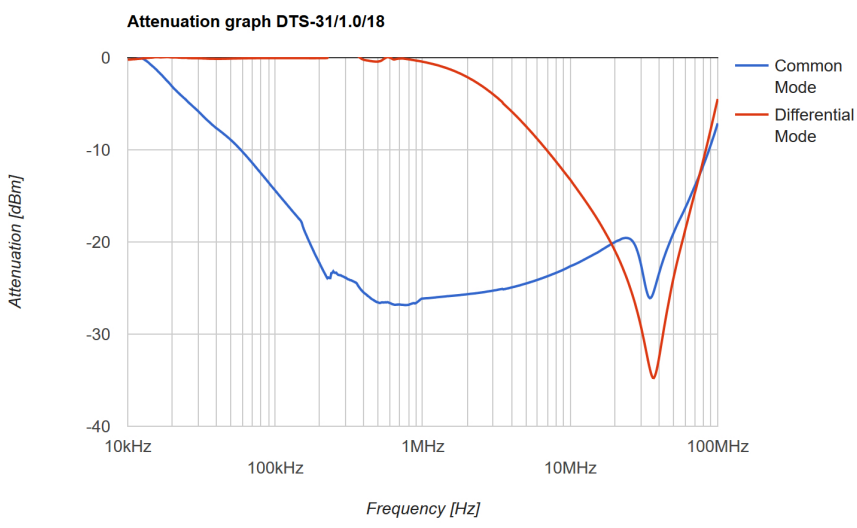
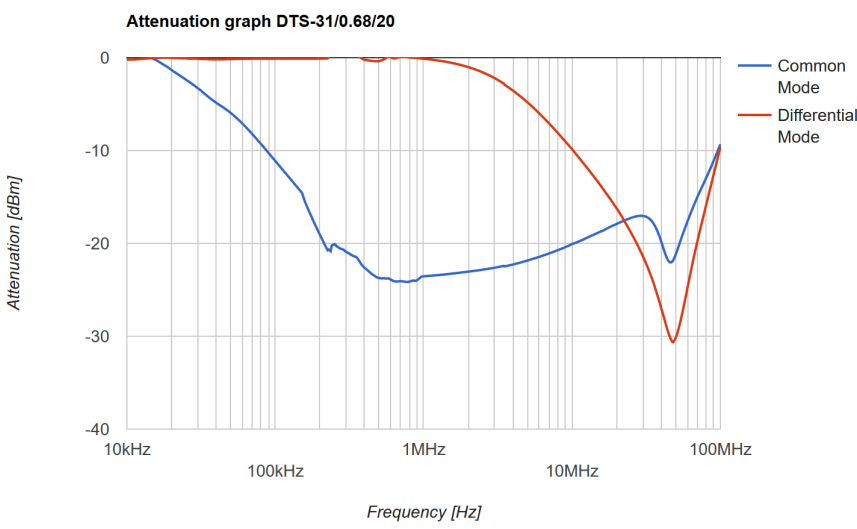
**MEASUREMENT METHOD:**

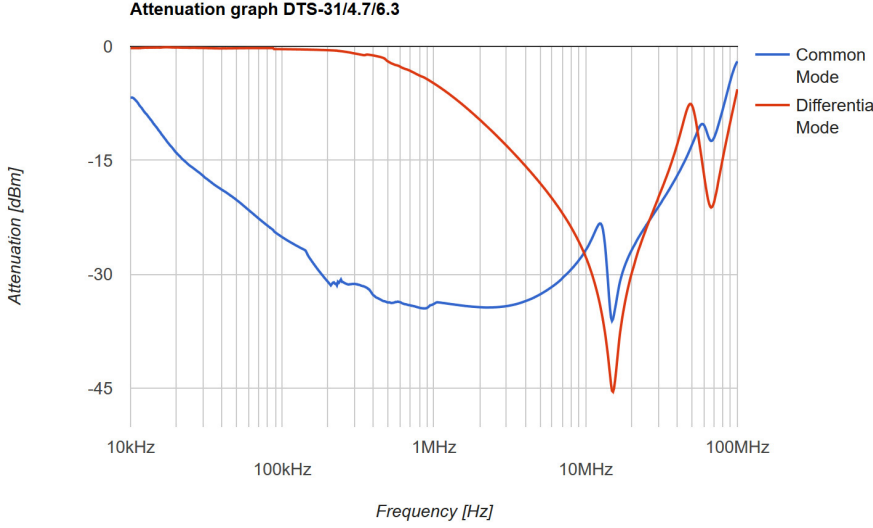
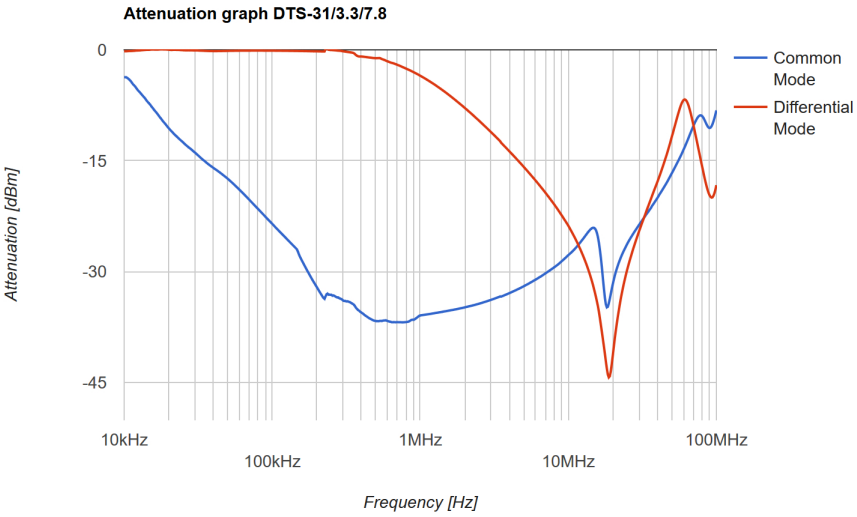
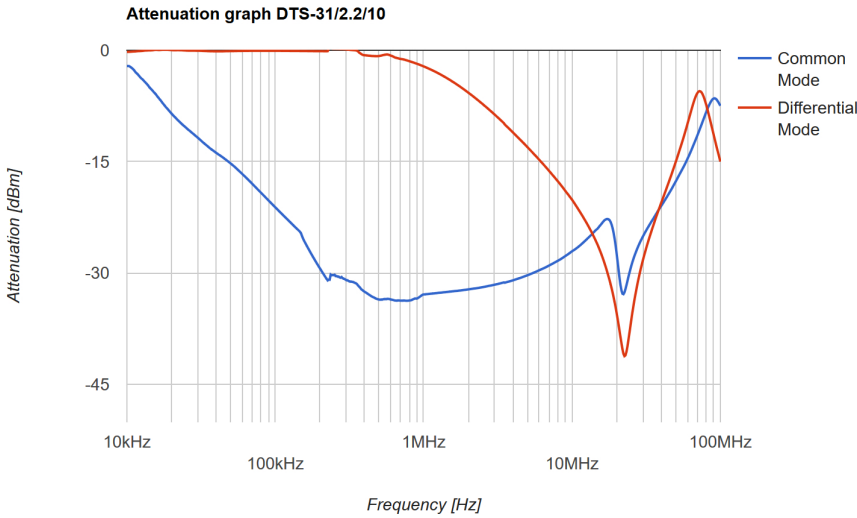
- Measured with RIGOL DSA815.

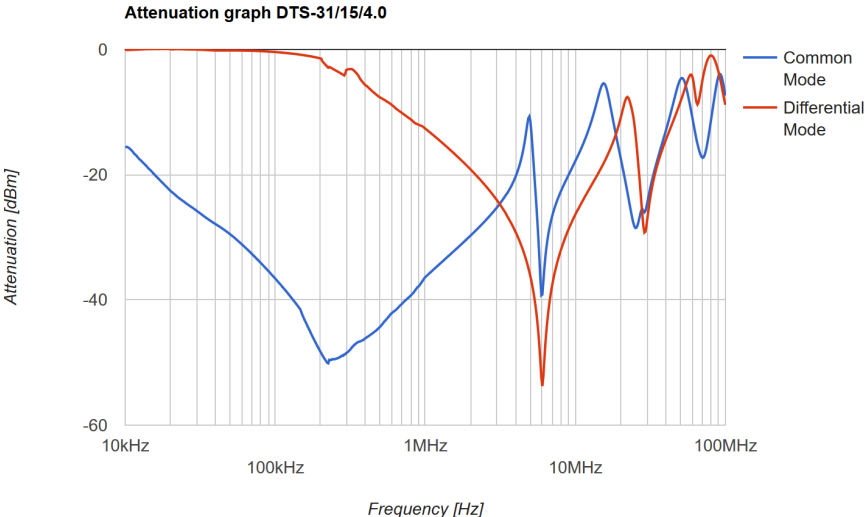
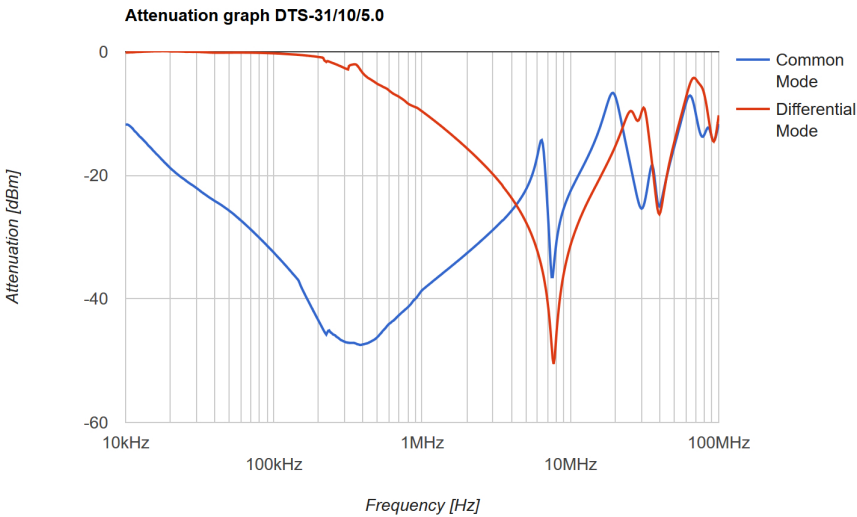
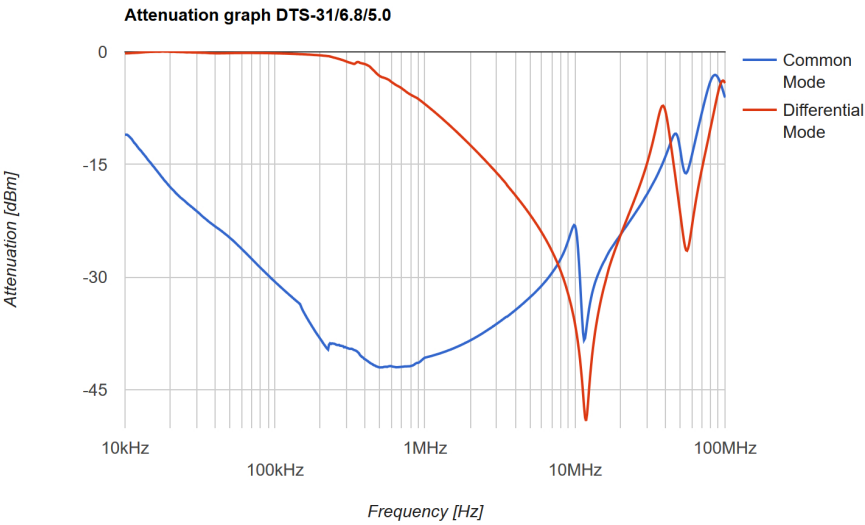


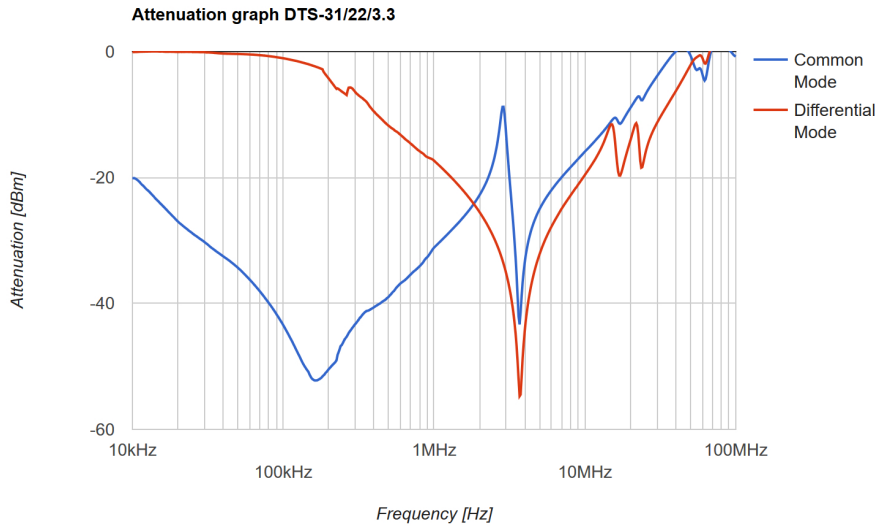
**ATTENUATION:**



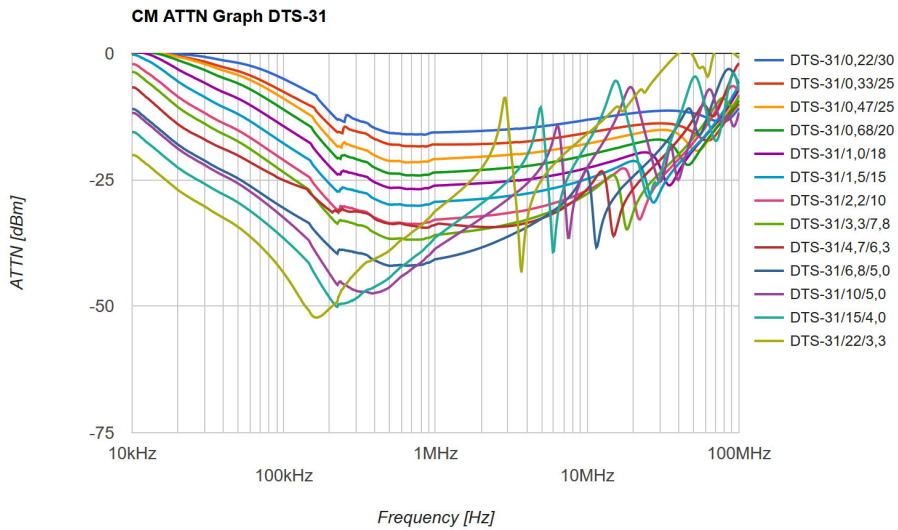




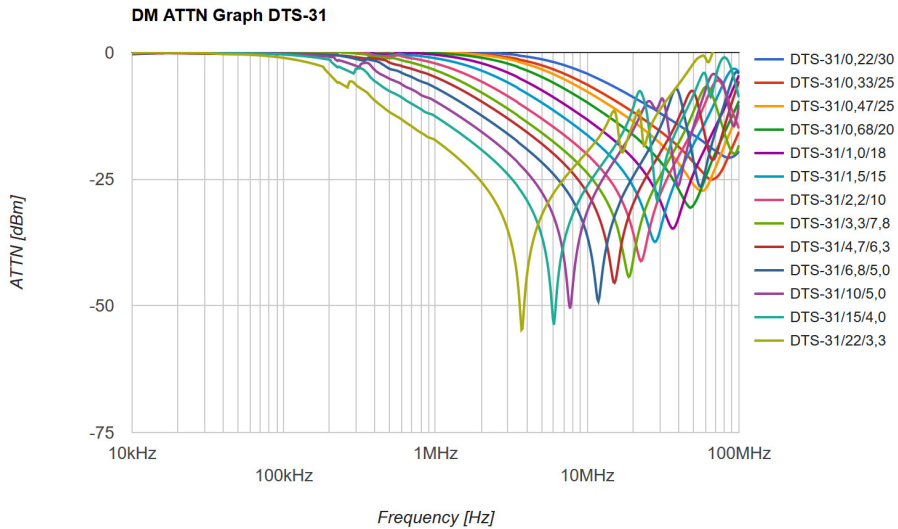




**COMMON MODE ATTENUATION:**



**DIFFERENTIAL MODE ATTENUATION:**





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