power splitter - PS3-F1300 - flexible

Product Information

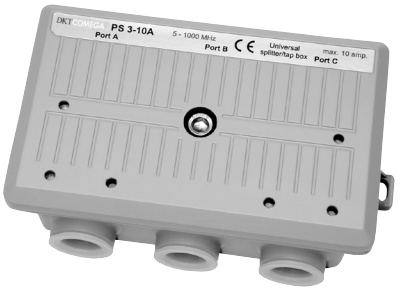
The introduction of DKT PS3-F1300 is our most recent addition to the highly successful series of DKT's power splitters serving networks all over Europe. The frequency range has now been enhanced to meet Docsis 3.1 requirements.

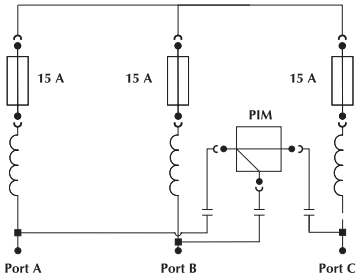
With the DKT PS3-F1300 we have focused on designing the most compact unit with a flexible choice for the specific network setup and to save inventory costs. Additionally, it can be used as a platform for power insertion through placement of bridge plug-in modules. The compact size makes installation in even small street cabinets possible.

The electrical performance is in comliance with CENELEC's highest standards just as in the case with the other DKT products.

PS3-F1300 - flexible is produced to below specifications and as shown in the diagram to the right.

All Power Splitter models have spring-loaded terminals mounted on the PCB. So the PG11 adapter can be installed without dismounting the power splitter lid.





Type	Plug-in modules	Item no.	Port A	Port B	Port C
Bridge (dB)	PIM 0A 1G3	40530	In	0.7 ± 0.5	AC in
	PIM 0B 1G3	40531	In	AC in	0.7 ± 0.5
	PIM 0C 1G3	40532	AC in	In	0.7 ± 0.5
Splitter (dB)	PIM 4 1G3	40533	In	4.0 ± 1.5	4.0 ± 1.5
Tap (dB)	PIM 1-7 1G3	40534	In	7.5 ± 1.5	2.9 ± 1.0
	PIM 1-10 1G3	40535	In	10.5 ± 1.5	2.3 ± 1.0
	PIM 1-13 1G3	40536	In	13.2 ± 1.5	1.8 ± 1.0
	PIM 1-16 1G3	40537	In	16.5 ± 1.5	1.3 ± 1.0
	PIM 1-19 1G3	40538	In	19.1 ± 1.5	1.3 ± 0.8
	PIM 1-22 1G3	40539	In	22.0 ± 1.5	1.3 ± 0.8
	PIM 1-26 1G3	40544	In	26.0 ± 1.5	1.3 ± 0.8
Frequency range (MHz)	5-1300				
Return loss (dB)	5 - 10 MHz	≥ 16			
	10 - 1300 MHz	Grade 2[1]			
Connectors	PG11 thread - optional 5/8" - optional 5/8"				
Power pass	Max. 10 A				
Hum modulation (64 V, 6 A)	< - 70 dB				
Screening effectiveness	Class A[2]				
Dimensions (mm)	150 x 90 x 55				
Weight (Kg)	0.5				

[1] Return Loss: EN60728-4 Grade 2
10-47 MHz ≥ 18 dB
47-1300 MHz min. 18 dB ÷ 1.5/oct.

[2] Screening Effectiveness:
EN60728-2 Class A
5-300 MHz ≥ 85 dB, 300-470 MHz ≥ 80 dB
470-950 MHz ≥ 75 dB, 950-1300 MHz ≥ 65 dB

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