

Equalised Tap-offs and Splitters (5 ÷ 2300 MHz) DEQ / DIS DC Series



DESCRIPTION

Fagor's range of ultra large band splitters and equalised tap-offs is ideal for distribution of all type of signals: QPSK, QAM, and analogue.

- Precisely for high frequencies, tap losses of DEQ units are very low, in order to compensate the losses on coaxial cables, which are always higher for increased frequency.
- DC is blocked on the taps.
- High directivity guarantees high isolation between different floors, mainly for QPSK.
- Due to special shielding, a high capacity of signal processing is possible (70 dB at 800 MHz).
- Perfect operation even in environments of radio-electrical interference, is also guaranteed due to this shielding.
- Installation in standard size boxes (100 x 100) is possible.
- Coaxial cable connections are built in the same side.
- Connectorless plug-in.

TECHNICAL SPECIFICATIONS

		SPLITTERS		EQUALISED TAP-OFFS									
MODEL		DIS 204 DC	DIS 409 DC	DEQ 211	DEQ 214	DEQ 219	DEQ 224	DEQ 229	DEQ 411	DEQ 414	DEQ 419	DEQ 424	DEQ 429
Reference		85207	85410	85251	85253	85255	85257	85259	85451	85453	85455	85457	85459
Number of outputs		2	4	2					4				
Covered band MHz		5-2300											
Through loss	15 - 47 MHz	–	–	1	1	0,5	0,5	0,5	1	1	1	0,5	0,5
	47 - 862 MHz	–	–	1	1	0,5	0,5	0,5	1,5	1,5	1	1	0,5
	950 - 2150 MHz	–	–	2	1,5	1	1	0,5	3,5	3	1,5	1	1
	2150 - 2300 MHz	–	–	2,5	2	1,5	1	1	4	3,5	1,5	1,5	1,5
Tap loss	15 - 47 MHz	–	–	27-26	27-26	31-30	34,5-34	37,5-37	27,5-26,5	27,5-26,5	32-32	34-34	38-38
	47 - 862 MHz	–	–	26-16	26-19	30-25	34-30	37-34,5	26,5-16	26,5-19	32-25	34-29	38-34
	950 - 2150 MHz	–	–	15,5-10,5	17-14	23-19	28-25	33-29,5	13-11	17-14	23-19,5	27,5-24	32-29
	2150 - 2300 MHz	–	–	10,5-10	14-13	19,5-19	25-24,5	29,5-29,5	11-10,5	14-13,5	19,5-19	24-24	29-29
Distribution attenuation	15 - 47 MHz	4	7	–	–	–	–	–	–	–	–	–	–
	47 - 862 MHz	4,5	8	–	–	–	–	–	–	–	–	–	–
	950 - 2150 MHz	5,5	10	–	–	–	–	–	–	–	–	–	–
	2150 - 2300 MHz	5,5	13	–	–	–	–	–	–	–	–	–	–
Directive attenuation	47 - 862 MHz	–	–	26	27	35	37	37	27	27	33	34	40
	950 - 2150 MHz	–	–	17	19	32	33	33	25	25	30	33	33
	2150 - 2300 MHz	–	–	15	17	27	35	37	17	19	28	35	40
Output isolation	47 - 862 MHz	18	18	40	45	58	70	75	42	42	47	43	47
	950 - 2150 MHz	16	16	27	29	45	66	65	27	27	38	39	41
	2150 - 2300 MHz	16	16	25	27	42	60	60	25	25	36	36	40
Min. screening factor	15 - 862 MHz 950 - 2300 MHz	65 55											
Packing dimensions (8 u.) mm.		155 x 110 x 47											
Weight (8 u.) Kg		0,98											

WEATHERPROOF PROTECTOR

MODEL		PI-DES
Reference		85013
Packing dimensions (10 u.)	mm	380 x 160 x 160
Weight (10 u.)	Kg	1,1