

DIPLEXERS, SPLITTERS & TAPS

SPHL

Diplexer / Separator
Low Band 0...5A+FM
High Band 6...12
F-Type (TV ONLY)



SPUV

Diplexer / Separator
UHF ~ VHF
F-Type
(TV ONLY)



SSDiplex

Diplexer / Separator
SAT IF / UHF-VHF
F-Type



FL-FMF

FM Trap
88~108MHz
-20dB F-Type



FL-L/Band

Low Band Attenuator
Ch. 2
-12dB F-Type



SPLITTERS

- 2-, 3-, 4-, 6- and 8-way shielded inductive splitters.
- Frequency range: 5-2300 MHz.
- Wall fixing, nickle-plated zinc diecast housing (2 screws attached).
- Grounding facilities. All ports F female connector.
- Unidirectional DC transit (max +24 VDC, 0.5 A) on all ports.
- The housing has a pathway underneath for passing the distribution cables



		IK-UDU205	IK-UDU307	IK-UDU408	IK-UDU612	IK-UDU813
Outlets		2 Way	3 Way	4 Way	6 Way	8 Way
Insertion Loss	5-862MHz	≤ 3.6dB	≤ 6.8dB	≤ 8.1dB	≤ 11.8dB	≤ 11.9dB
	950-1550MHz	≤ 4.1dB	≤ 8.5dB	≤ 9.1dB	≤ 13.5dB	≤ 14.1dB
	1551-2300MHz	≤ 4.8dB	≤ 9.7dB	≤ 10.4dB	≤ 15.1dB	≤ 15dB
Return Loss		≤ 12dB	≤ 10dB	≤ 10dB	≤ 10dB	≤ 10dB
Output Isolation	5-300MHz	≥ 35dB	≥ 25dB	≥ 24dB	≥ 28dB	≥ 26dB
	301-862MHz	≥ 34dB	≥ 25dB	≥ 22dB	≥ 25dB	≥ 28dB
	950-2300MHz	≥ 20dB	≥ 21dB	≥ 22dB	≥ 25dB	≥ 28dB

TAPS



1 Way TAP Off		IK-UDL110	IK-UDL115	IK-UDL120	IK-UDL125	
TAP Loss		10	15	20	25	
Through Loss	5-862MHz	dB	≤1.1	≤1.0	≤0.9	≤0.5
	950-1550MHz		≤1.7	≤1.7	≤1.3	≤1.3
	1551-2300MHz		≤2.3	≤2.2	≤2.1	≤2.0
2 Way TAP Off		IK-UDL210	IK-UDL215	IK-UDL220	IK-UDL225	
TAP Loss		10	15	20	25	
Through Loss	5-862MHz	dB	≤2.3	≤1.6	≤1.1	≤1.1
	950-1550MHz		≤3.0	≤2.0	≤1.9	≤1.9
	1551-2300MHz		≤3.7	≤2.6	≤2.6	≤2.5
4 Way TAP Off		IK-UDL410	IK-UDL415	IK-UDL420	IK-UDL425	
TAP Loss		10	15	20	25	
Through Loss	5-862MHz	dB	≤4.0	≤1.9	≤0.9	≤0.6
	950-1550MHz		≤4.4	≤2.8	≤1.5	≤1.1
	1551-2300MHz		≤4.6	≤3.5	≤2.1	≤1.6
8 Way TAP Off		IK-UDL816	IK-UDL820	IK-UDL825		
TAP Loss (+/-1dB)		16	20	25		
Through Loss	5-862MHz	dB	≤4.0	≤1.8	≤1.8	
	950-1550MHz		≤4.4	≤2.0	≤2.0	
	1551-2300MHz		≤4.8	≤2.2	≤2.2	