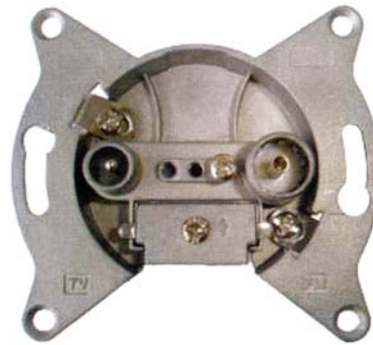


N8102-X-X Series Loop CATV Wall Socket (5~1000MHz)

CATV/SAT Component

FEATURES

- Zinc die cast housing.
- All ports are F-(f) connectors, 75 ohm.
- Connectors: TV:IEC 169-2(m);
FM:IEC 169-2(f).
- Screening factor:
 - 30-300MHz ≥75dB
 - 300-470MHz ≥75dB
 - 470-1000MHz ≥65dB



-T/-F N8102

SPECIFICATIONS

N8102-4-T/F

Item	Frequency	Typical	QC
Insertion Loss IN-TV	5~68MHz	≤ 4.0dB	≤ 4.3dB
	87.5~108MHz	≥ 20dB	≥ 19dB
	120~125MHz	≤ 5.0dB	≤ 5.5dB
	125~862MHz	≤ 4.5dB	≤ 4.8dB
Insertion Loss IN-FM	5~68MHz	≥ 25dB	≥ 24dB
	87.5~108MHz	≤ 5.0dB	≤ 5.5dB
	120~125MHz	≥ 21dB	≥ 20dB
	125~862MHz	≥ 25dB	≥ 23dB
Insertion Loss IN-OUT	5~862MHz	≤ 4.5dB	≤ 4.8dB
Isolation FM-TV	5~68MHz	≥ 22dB	≥ 21dB
	87.5~108MHz	≥ 18dB	≥ 17dB
	120~125MHz	≥ 18dB	≥ 17dB
	125~862MHz	≥ 22dB	≥ 21dB
Isolation FM-OUT	5~862MHz	≥ 25dB	≥ 24dB
Isolation TV-OUT	5~68MHz	≥ 26dB	≥ 26dB
	120~125MHz	≥ 23dB	≥ 23dB
	125~862MHz	≥ 21dB	≥ 20dB
Return Loss	EN50083		

CATV/SAT Wall Socket

N8102-X-X Series Loop CATV Wall Socket (5~1000MHz)

CATV/SAT Component

SPECIFICATIONS		N8102-10-T/F	
Item	Frequency	Typical	QC
Insertion Loss IN-TV	5~68MHz	≤ 10.5dB	≤ 11.0dB
	87.5~108MHz	≥ 20dB	≥ 20dB
	120~125MHz	≤ 11.5dB	≤ 11.8dB
	125~862MHz	≤ 10.5dB	≤ 11.0dB
Insertion Loss IN-FM	5~68MHz	≥ 22dB	≥ 21dB
	87.5~108MHz	≤ 11.2dB	≤ 11.5dB
	120~125MHz	≥ 18dB	≥ 17dB
	125~862MHz	≥ 20dB	≥ 19dB
Insertion Loss IN-OUT	5~862MHz	≤ 2.6dB	≤ 2.8dB
Isolation FM-TV	5~68MHz	≥ 20dB	≥ 18dB
	87.5~108MHz	≥ 18dB	≥ 16dB
	120~125MHz	≥ 17dB	≥ 16dB
	125~862MHz	≥ 20dB	≥ 20dB
Isolation FM-OUT	5~862MHz	≥ 23dB	≥ 22dB
Isolation TV-OUT	5~68MHz	≥ 23dB	≥ 22dB
	120~125MHz	≥ 18dB	≥ 17dB
	125~862MHz	≥ 23dB	≥ 22dB
Return Loss	EN50083		

SPECIFICATIONS		N8102-13-T/F	
Item	Frequency	Typical	QC
Insertion Loss IN-TV	5~68MHz	≤ 13.5dB	≤ 14.0dB
	87.5~108MHz	≥ 20dB	≥ 20dB
	120~125MHz	≤ 14.2dB	≤ 14.5dB
	125~862MHz	≤ 13.5dB	≤ 13.5dB
Insertion Loss IN-FM	5~68MHz	≥ 22dB	≥ 21dB
	87.5~108MHz	≤ 14.0dB	≤ 14.5dB
	120~125MHz	≥ 18dB	≥ 17dB
	125~862MHz	≥ 20dB	≥ 19dB
Insertion Loss IN-OUT	5~862MHz	≤ 1.8dB	≤ 2.0dB
Isolation FM-TV	5~68MHz	≥ 20dB	≥ 18dB
	87.5~108MHz	≥ 18dB	≥ 16dB
	120~125MHz	≥ 17dB	≥ 16dB
	125~862MHz	≥ 20dB	≥ 20dB
Isolation FM-OUT	5~862MHz	≥ 23dB	≥ 22dB
Isolation TV-OUT	5~68MHz	≥ 23dB	≥ 22dB
	120~125MHz	≥ 18dB	≥ 17dB
	125~862MHz	≥ 23dB	≥ 22dB
Return Loss	EN50083		