

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

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Coaxial

Low Pass Filter

NLP-200+
NLP-200

50Ω DC to190 MHz

Maximum Ratings

Operating Temperature	-55°C to 100°C
Storage Temperature	-55°C to 100°C
RF Power Input	0.5W max.

Permanent damage may occur if any of these limits are exceeded.

Features

- rugged shielded case
- other NLP models available with wide selection of cut-off frequencies



CASE STYLE: FF57

Connectors	Model	Price	Qty.
N-Type	NLP-200(+)	$35.95 ea.	(1-9)

+ RoHS compliant in accordance with EU Directive (2002/95/EC)

The +Suffix identifies RoHS Compliance. See our web site for RoHS Compliance methodologies and qualifications.

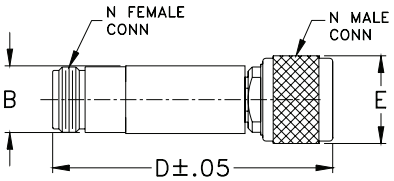
Applications

- lab use
- test equipment
- video equipment

Low Pass Filter Electrical Specifications

PASSBAND (MHz)	fco (MHz) Nom.	STOPBAND (MHz)		VSWR (:1)	
				Passband	Stopband
(loss < 1 dB)	(loss 3 dB)	(loss > 20 dB)	(loss > 40 dB)	Typ.	Typ.
DC-190	210	290-390	390-800	1.7	18

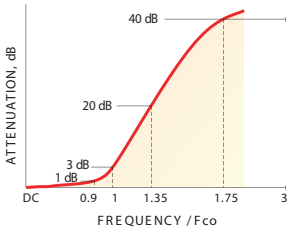
Outline Drawing



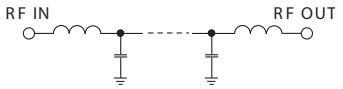
Outline Dimensions (inch / mm)

B	D	E	wt
.67	2.90	.82	grams
17.02	73.66	20.83	90.0

typical frequency response



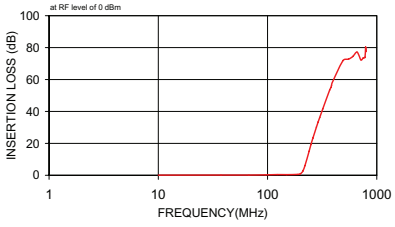
electrical schematic



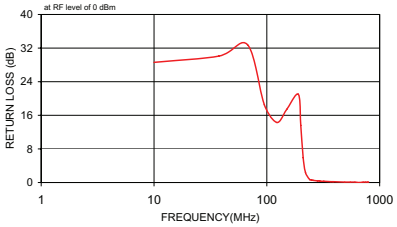
Typical Performance Data

Frequency (MHz)	Insertion Loss (dB) x̄	Insertion Loss (dB) σ	Return Loss (dB)	Frequency (MHz)	Group Delay (nsec)
10.00	0.08	0.1	28.6	10.00	4.18
37.50	0.12	0.1	30.1	37.50	4.31
67.50	0.15	0.1	32.8	67.50	4.38
95.00	0.26	0.1	18.5	95.00	4.78
122.50	0.43	0.1	14.3	122.50	5.09
150.00	0.39	0.1	17.4	150.00	5.75
190.00	0.58	0.1	21.0	190.00	8.30
200.00	0.96	0.2	13.6	195.00	9.07
210.00	2.52	0.7	5.9	200.00	10.18
220.00	6.01	1.1	2.4	205.00	11.13
240.00	15.07	1.3	0.7	210.00	11.42
250.00	19.34	1.3	0.6	220.00	9.61
260.00	23.25	1.4	0.5	235.00	5.78
280.00	30.20	1.5	0.4	240.00	5.00
290.00	33.33	1.5	0.4	245.00	4.34
300.00	36.17	1.5	0.3	250.00	3.63
320.00	41.60	1.8	0.3	260.00	2.95
370.00	53.41	2.3	0.2	280.00	1.79
380.00	55.00	2.8	0.2	290.00	1.54
385.00	56.23	2.7	0.2	300.00	1.21
390.00	57.87	4.0	0.2	310.00	0.88
490.00	71.86	7.9	0.1	320.00	0.15
550.00	72.71	1.6	0.1	340.00	1.77
602.50	74.42	2.5	0.1	370.00	0.31
660.00	77.14	4.3	0.0	380.00	2.76
715.00	72.38	5.7	0.1	385.00	1.86
750.00	73.49	3.5	0.1	390.00	1.94
780.00	73.91	4.7	0.1	490.00	1.92
790.00	80.33	5.3	0.1	517.50	1.91
800.00	77.51	9.6	0.1	550.00	1.81

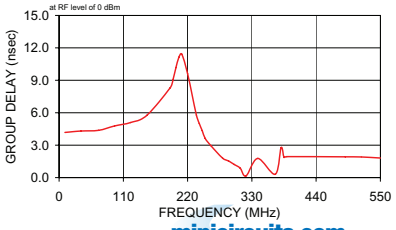
INSERTION LOSS



RETURN LOSS



GROUP DELAY



Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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