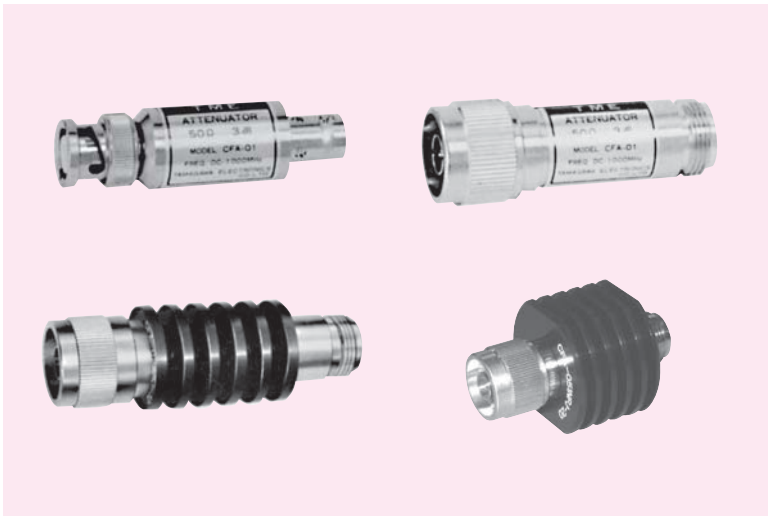


CFA Series



Product features and applications

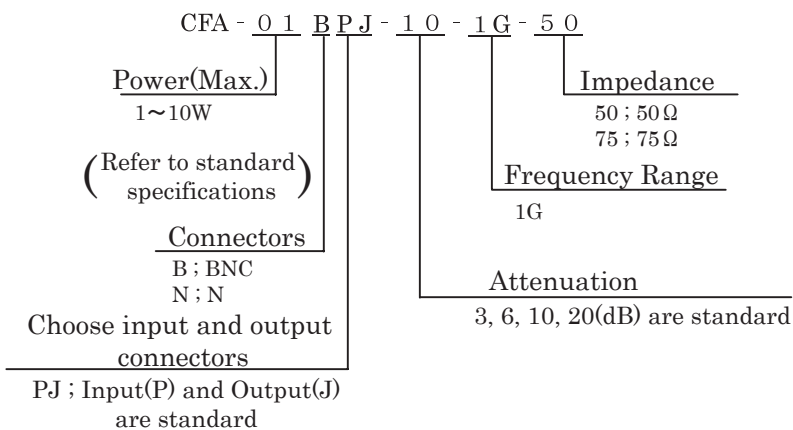
The CFA series are coaxial fixed attenuators, covering up to DC-1000 MHz frequency with power capacity of 1 to 10 W. Select the best attenuator for your needs from the range of standard models.

	Common Specifications
Frequency Range	DC~1000MHz
Impedance	50 Ω、75 Ω
Attenuation	3dB、6dB、10dB、20dB、
Deviation	±(3%+0.5)dB (Max.)
Connectors	BNC、N
Power(Max.)	1 ~ 10W

CFA series Standard Specifications

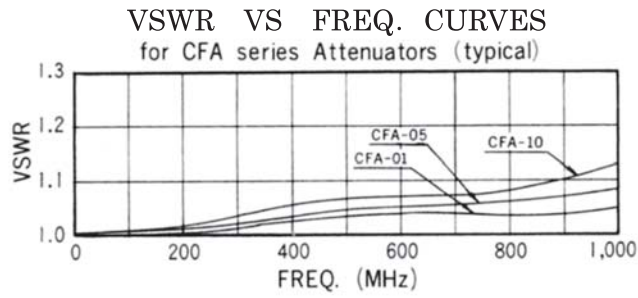
Models	Power (W)	VSWR (Max.)		Dimensions (mm)		Mounting dimensions (mm)		Operating Temperature Range (°C)	Weight
		50 Ω	75 Ω	A	L	a	b		
◎ CFA-01	1	1.1	1.5	—	—	—	—	-10~+65	(50 g)
◎ CFA-03	3	1.15	—	—	—	—	—	-10~+65	(90 g)
◎ CFA-051	5	1.2	1.5	—	—	—	—	-10~+65	(170 g)
◎ CFA-10	10	1.2	—	50	85	38	35	-10~+50	(300 g)

Model Description

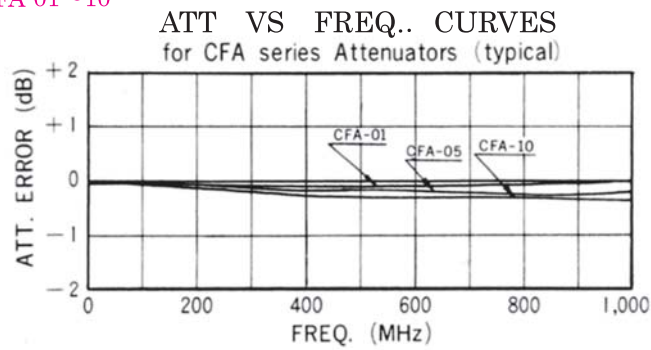


Frequency Characteristics

CFA-01~10

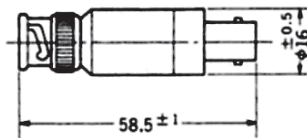


CFA-01~10

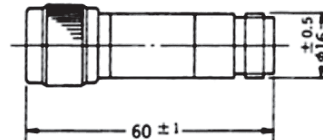


Outline Drawings

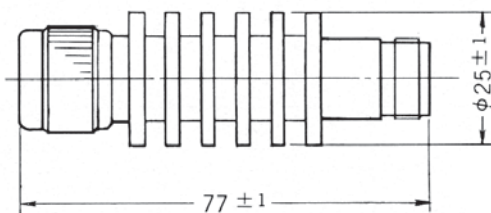
CFA-01BPJ



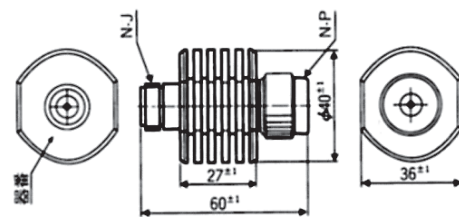
CFA-01NPJ



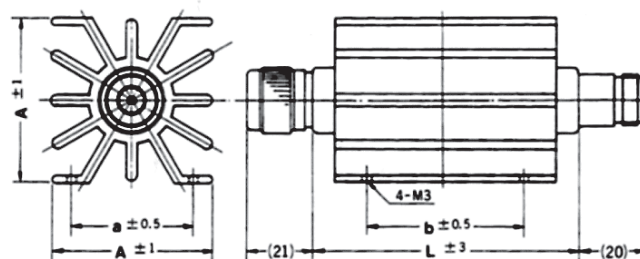
CFA-03NPJ



CFA-051NPJ



CFA-10NPJ



UFA · SFA Series



■ Product features and applications

The UFA/SFA series are coaxial fixed attenuators, covering up to DC-3 GHz (UFA) or DC-18 GHz (SFA) frequency. Select the best attenuator for your needs from the range of standard models.

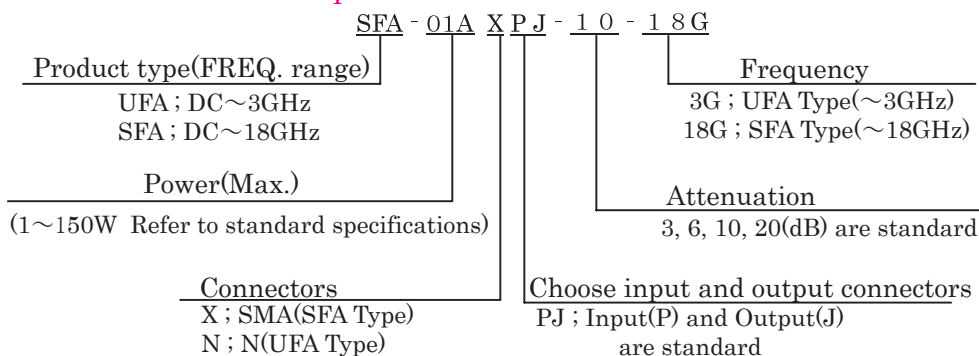
	Common Specifications	
	UFA	SFA
Frequency Range	DC ~ 3 GHz	DC ~ 18GHz
Impedance	50Ω	
Attenuation	3dB, 6dB, 10dB, 20dB	3dB, 6dB, 10dB, 15dB, 20dB, (note:1)30dB
Deviation	±(3%+0.5)dB (Max.)	DC ~ 12.4GHz ; ±(3%+0.5)dB (Max.) 12.4GHz ~ 18GHz ; ±(3%+0.7)dB (Max.)
Connectors	N	SMA
Power(Max.)	1 ~ 150W	1 W

(note:1)SFA-01AXPJ-30 is only DC ~ 8GHz

■ UFS/SFA series Standard Specifications

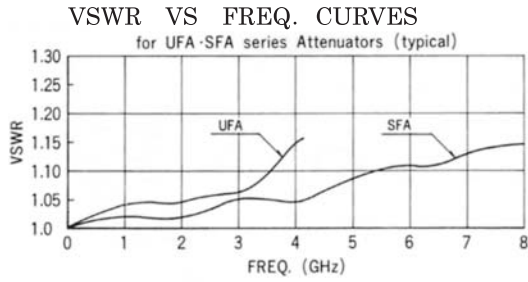
Models	Frequency Range (GHz)	Power (W)	VSWR (Max.)	Dimensions(mm)			Operating Temperature Range (°C)	Weight
				A	B	L		
◎ UFA-01NPJ	DC ~ 3	1	1.2	—	—	—	-20 ~ +65	(80 g)
UFA-031NPJ	DC ~ 3	3	1.2	32	36	27	-10 ~ +50	(150 g)
◎ UFA-051NPJ	DC ~ 3	5	1.2	36	40	27	-10 ~ +50	(170 g)
◎ UFA-10NPJ	DC ~ 3	10	1.3	49	50	52	-10 ~ +50	(350 g)
UFA-20NPJ	DC ~ 3	20	1.3	68	70	52	-10 ~ +50	(600 g)
UFA-50NPJ	DC ~ 3	50	1.3	105	100	52	-10 ~ +50	(1050 g)
UFA-100NPJ	DC ~ 3	100	1.3	120	115	150	0 ~ +40	(1650 g)
UFA-150NPJ	DC ~ 3	150	1.4	157	150	133	0 ~ +40	(3000 g)
◎ SFA-01AXPJ	DC ~ 18	1	1.3	—	—	—	-20 ~ +65	(7 g)
◎ SFA-01AXPJ-30	DC ~ 8	1	1.2	—	—	—	-20 ~ +65	(7 g)

■ Model Description

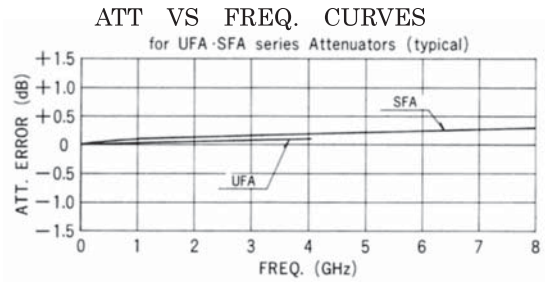


Frequency Characteristics

UFA, SFA

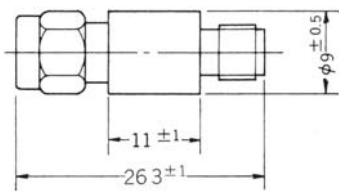


UFA, SFA

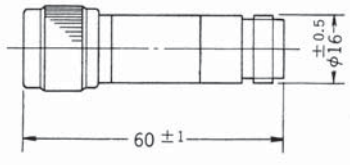


Outline Drawings

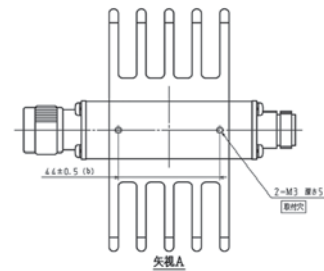
SFA-01AXPJ



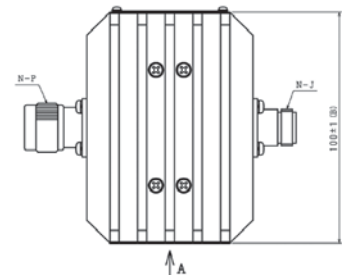
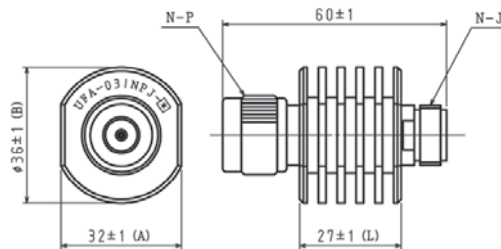
UFA-01NPJ



UFA-50NPJ

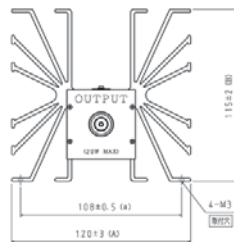
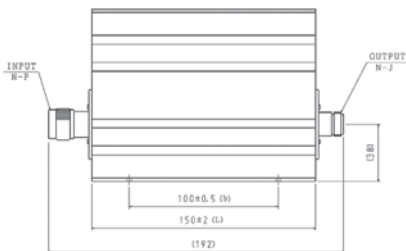


UFA-031NPJ

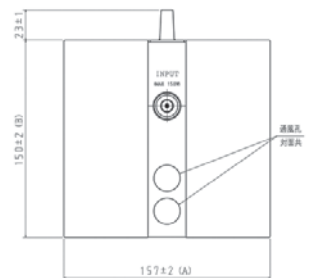
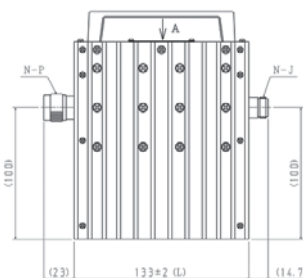
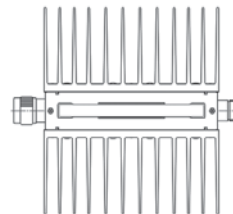


注: 部品の *は 減衰量の表示とする
例) 20dBの場合 UFA-50NPJ-20

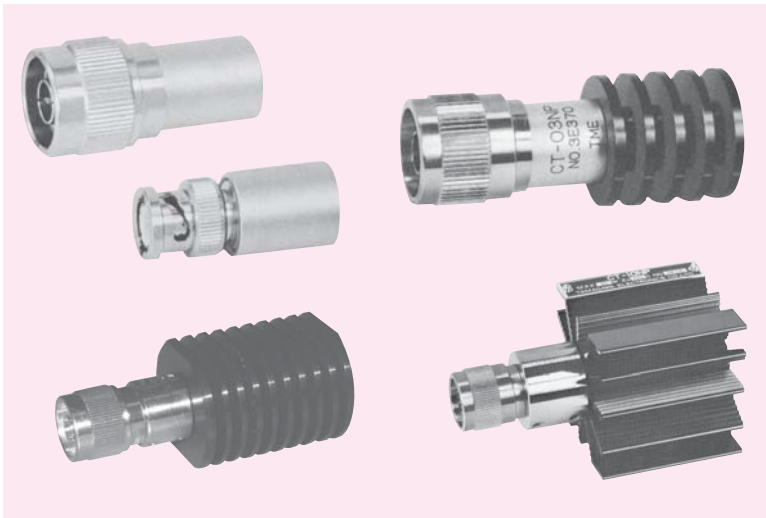
UFA-100NPJ



UFA-150NPJ



CT Series



■ Product features and applications

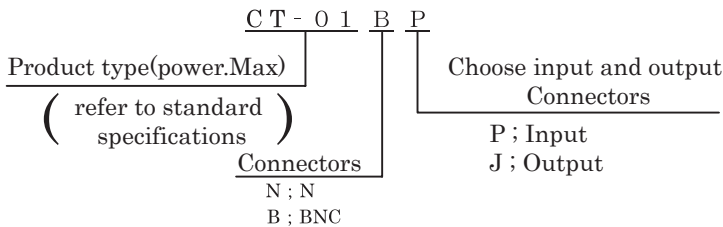
The CT series are coaxial terminators, covering up to DC-1000 MHz frequency with power capacity of 1 to 150 W.

	Common Specifications
	CT
Frequency Range	DC~1000 MHz
Impedance	50Ω (75Ω is special specification)
Connectors	BNC, N(Over100W is only N model)
Power(Max.)	1~150W

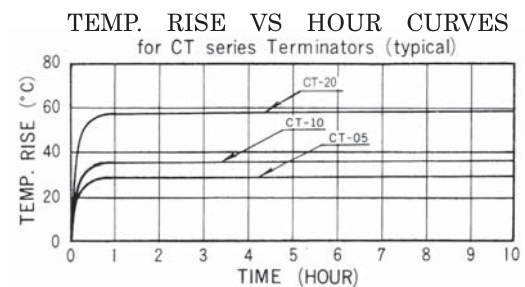
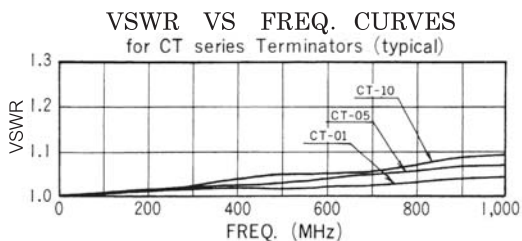
■ CT series standard specifications

Models	Power (W)	VSWR (Max.)		Dimensions(mm)		Mounting Dimentions (mm)		Operating Temperature Range	Weight
		50Ω	75Ω	A	L	a	b		
CT-01	1	1.1	1.1	—	—	—	—	-10~+65°C	(60 g)
CT-03	3	1.1	1.15	—	—	—	—	-10~+65°C	(75 g)
CT-051	5	1.15	1.2	—	—	—	—	-10~+65°C	(125 g)
CT-10	10	1.2	1.3	50	71	38	35	-10~+50°C	(260 g)
CT-20	20	1.2	1.3	50	121	38	70	-10~+50°C	(400 g)
CT-30	30	1.2	1.3	70	121	55	70	-10~+50°C	(850 g)
CT-50	50	1.3	1.3	100	130	77	70	-10~+40°C	(1400g)
CT-100	100	1.3	—	120	150	108	100	0~+40°C	(1700g)
CT-150	150	1.4	—	155	133	—	—	0~+40°C	(3000g)

■ Model description

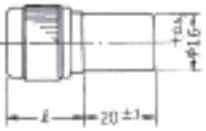


■ Frequency Characteristics

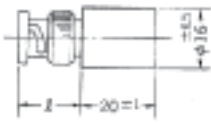


Outline Drawings

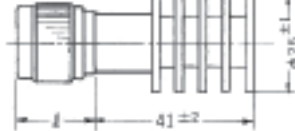
CT-01NP



CT-01BP



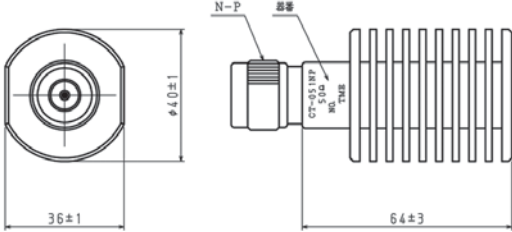
CT-03NP



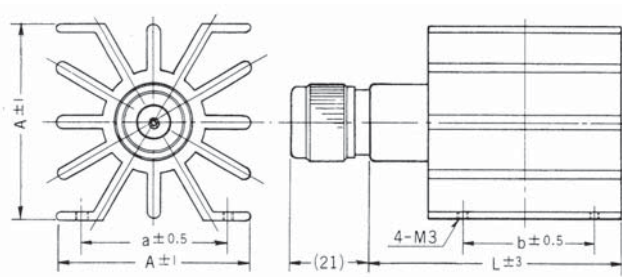
Connectors Dimensions

	φ (mm)	
	BNC	N
J	14	20
P	17	21

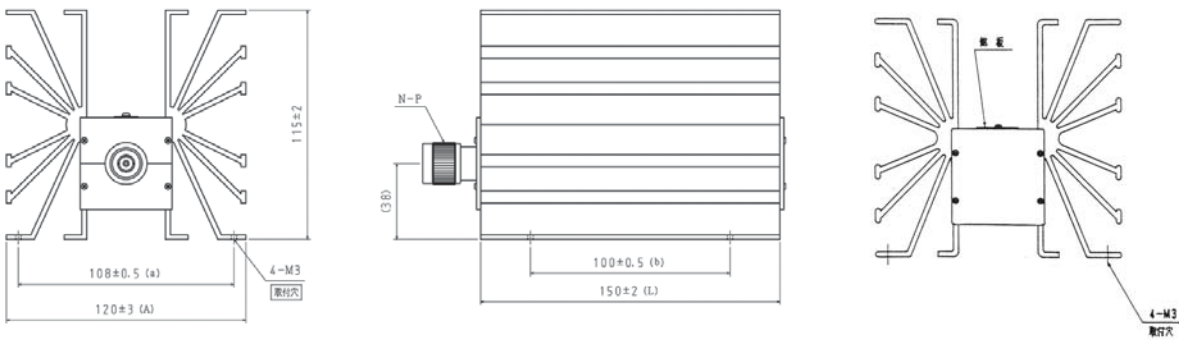
CT-051NP



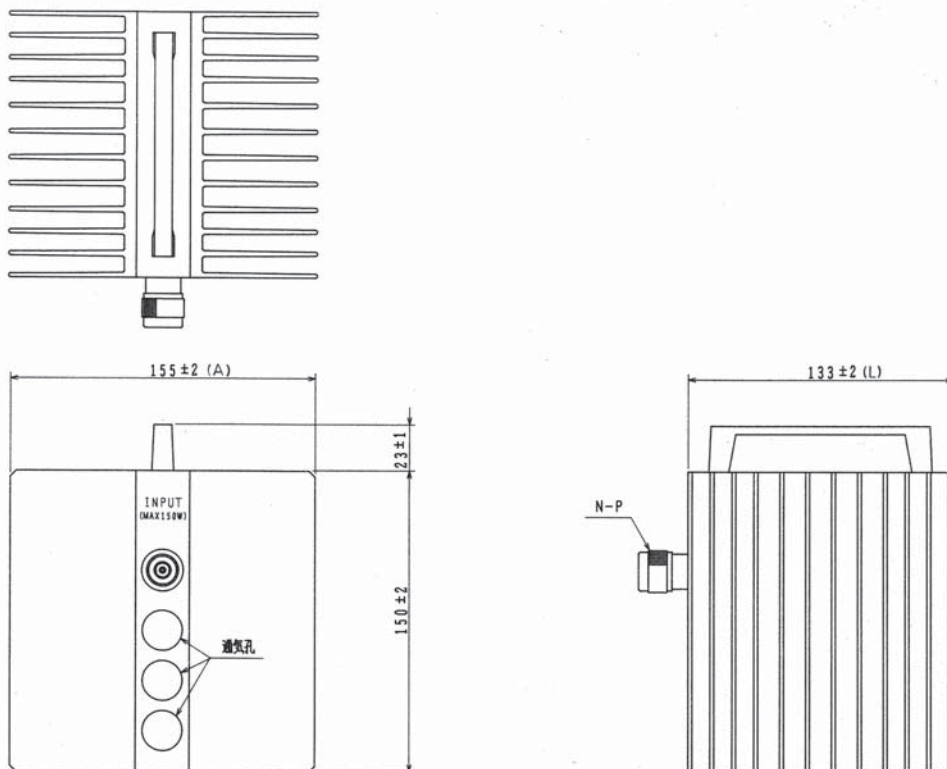
CT10~50NP



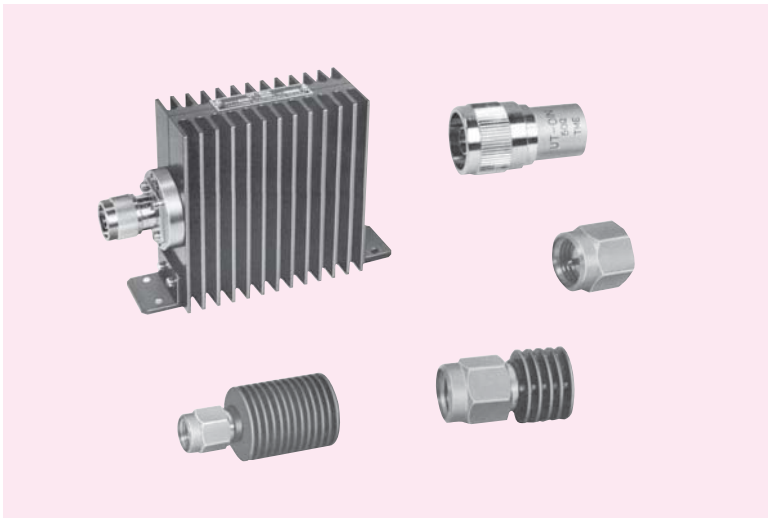
CT-100NP



CT-150NP



UT · ST Series



■ Product features and applications

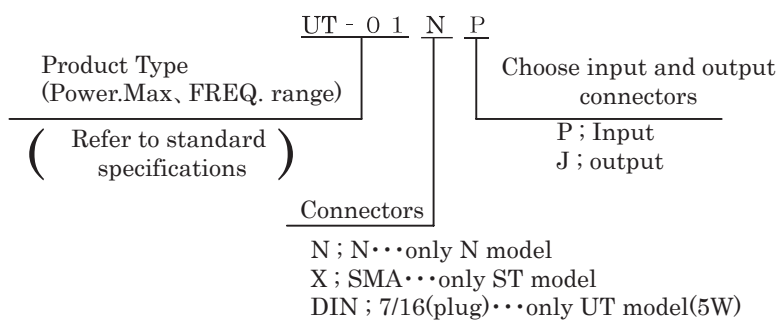
The UT/ST series are coaxial terminators, covering up to DC-3000 MHz (UT) or DC-18 GHz (ST) frequency.

	Common Specifications	
	UT	ST
Frequency Range (MHz)	DC~3000	DC~12400 DC~18000
Impedance	50 Ω	
Connectors	N	SMA
Power(Max.)	1 ~ 150W	0.3~3W

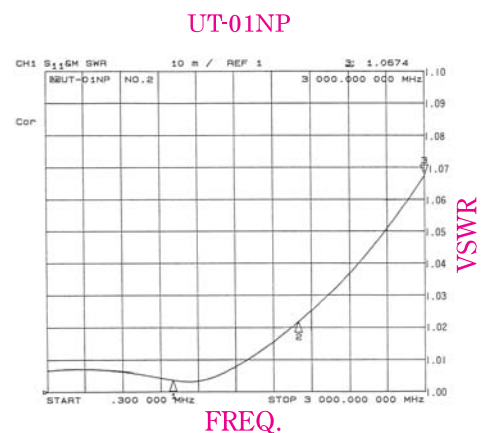
■ UT·ST series Standard Specifications

Models	Frequency Range (MHz)	Impedance	VSWR(Max.)				Power (W)	Operating Temperature Range	Weight
			DC~4GHz	4~8GHz	8~12.4 GHz	12.4~18 GHz			
ST-003XPA	DC~18	50	1.10	1.10	1.15	1.20	0.3	-10~+65°C	(2.5g)
ST-01XPA	DC~12.4	50	1.15	1.20	1.25	—	1.0	-10~+65°C	(4g)
ST-03XPA	DC~12.4	50	1.15	1.20	1.30	—	3.0	-10~+65°C	(8g)
UT-01N	DC~3.0	50	DC~3GHz		1.3		1.0	-20~+65°C	(55g)
UT-03N	DC~3.0	50	DC~3GHz		1.3		3.0	-10~+50°C	(55g)
NEW UT-05DIN-P	DC~3.0	50	DC~3GHz		1.3		5	-20~+50°C	(150g)
UT-10N	DC~3.0	50	DC~3GHz		1.3		10	-10~+50°C	(200g)
UT-20N	DC~3.0	50	DC~3GHz		1.3		20	-10~+50°C	(400g)
UT-30N	DC~3.0	50	DC~3GHz		1.3		30	-10~+50°C	(580g)
UT-50N	DC~3.0	50	DC~3GHz		1.3		50	0~+40°C	(750g)
UT-100N	DC~3.0	50	DC~3GHz		1.3		100	0~+40°C	(1700g)
UT-150N	DC~3.0	50	DC~3GHz		1.3		150	-10~+35°C	(2500g)

■ Model Description

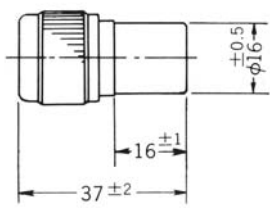


■ Frequency Characteristics

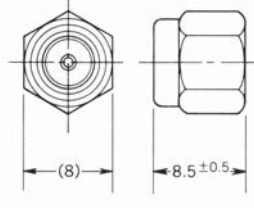


■ Outline Drawings

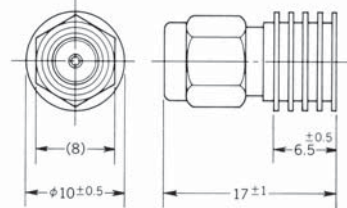
UT-01NP



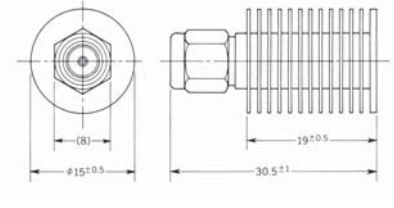
ST-003XPA



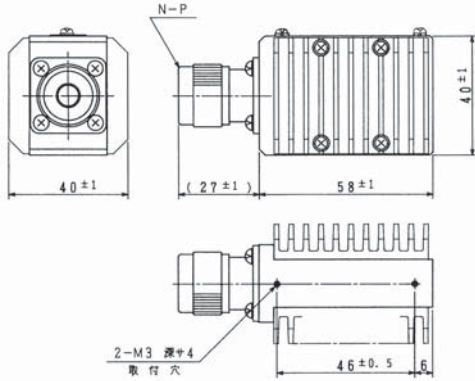
ST-01XPA



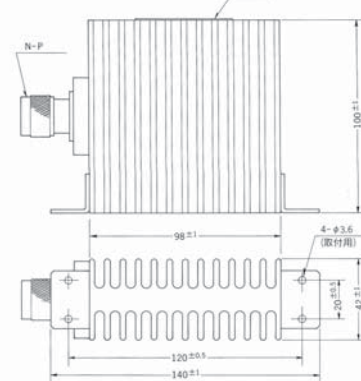
ST-03XPA



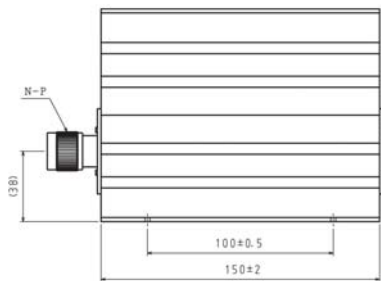
UT-10NP



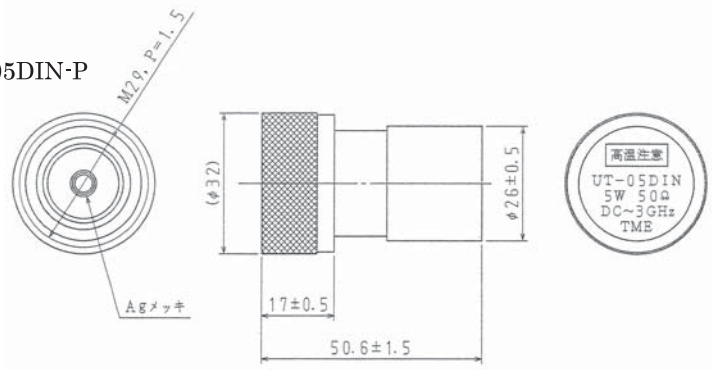
UT-50N



UT-100NP



UT-05DIN-P



UT-150NP

