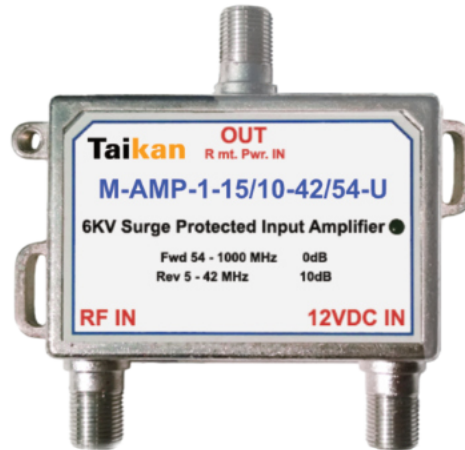


MINI DROP AMPLIFIER [M-AMP-1-x/x-x/x-x]

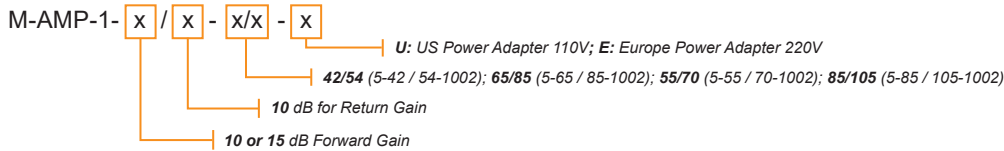
Cable Products, Drop Amplifiers

Features

- 5 - 1002 MHz Bandwidth
- 360° Pin Structure / Push / Pull Force ≥ 100 g
- LED Power Indicator, Power Adapter Included
- Zinc Alloy Housing, RFI > 100 dB
- IEEE C62.41-1991 100 KHz Ring Wave
- Category A3 6 kV Surge Withstand
- Compact Design for Limited Installation Space
- Active Forward (Downstream) with Option for Passive or Active Return (Upstream)



Ordering Information



Model Number	Standard Carton	Dimensions	Carton Weight
M-AMP-1-x-x/x-x	50 pcs	30.5 x 55.9 x 28 cm / 12 x 22 x 11 in.	14 kg / 31 lbs
M-AMP-1-x/10-x/x-x	50 pcs	30.5 x 55.9 x 28 cm / 12 x 22 x 11 in.	14 kg / 31 lbs

Forward Specifications

	M-AMP-1-10-x/x-x	M-AMP-1-15-x/x-x	M-AMP-1-10/10-x/x-x	M-AMP-1-15/10-x/x-x	Units
Forward Path Frequency	(54/70/85/105) - 1002	(54/70/85/105) - 1002	(54/70/85/105) - 1002	(54/70/85/105) - 1002	MHz
Typical Gain	10	15	10	15	dB
Output Level	20	25	20	25	dBmV
Return Loss	15	15	15	15	dB
Flatness	± 1.0	± 1.0	± 1.0	± 1.0	dB
Noise Figure	4.0	4.0	4.0	4.0	dB
CTB*	-73	-73	-73	-73	dBc
CSO*	-62	-62	-62	-62	dBc

Return Specifications

	5 - (42/55/65/85)	5 - (42/55/65/85)	5 - (42/55/65/85)	5 - (42/55/65/85)	Units
Return Path Frequency	5 - (42/55/65/85)	5 - (42/55/65/85)	5 - (42/55/65/85)	5 - (42/55/65/85)	MHz
Insertion Loss	1.0	1.0	N/A	N/A	dB
Typical Gain	0	0	10	10	dB
Return Loss	15	15	15	15	dB
Max Output Level	N/A	N/A	60	60	dBmV
Response Flatness	± 1.0	± 1.0	± 1.0	± 1.0	dB
Noise Figure	N/A	N/A	8.0	8.0	dB

* 77 analog channels (54 to 552 MHz) at 10 dBmV/ch. + 33 digital channels (552 to 750 MHz). All channels flat

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