

# RF15 Series

## Rotary faders



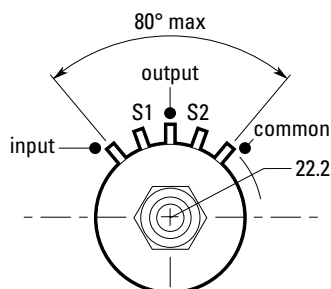
Penny+Giles RF15 Series rotary faders are specifically designed to meet the demanding requirements of professional applications. These rugged potentiometers are manufactured to the highest standards of quality and reliability, offering high accuracy and smooth operation through the use of conductive plastic tracks and precision bearings. Log or linear electrical tapers are available.

- available in up to 8 channels
- detents and cue switch option
- 320° angle of rotation
- log and linear output

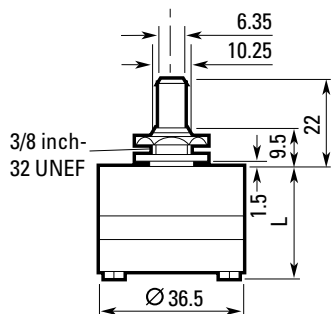
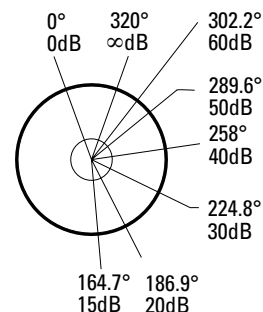
### SELECT THE FADER OPTIONS YOU REQUIRE

Output channels	One <sup>1</sup>	Two <sup>2</sup>	Three <sup>3</sup>	Four <sup>4</sup>	Six <sup>6</sup>	Eight <sup>8</sup>
Resistance $\pm 20\%$	1k $\Omega$ <sup>B</sup>	5k $\Omega$ <sup>C</sup>	10k $\Omega$ <sup>D</sup>			
Output law	Log audio taper <sup>A</sup>		Linear <sup>L</sup>			
Switches	Detented cue switch <sup>Q</sup>				No switch <sup>-</sup>	

### Dimensions



**Audio law**  
angular position for  
given output - viewed on shaft



Number of channels	1	2	3	4	6	8
Length L	26.5	32.0	37.5	43.0	54	65

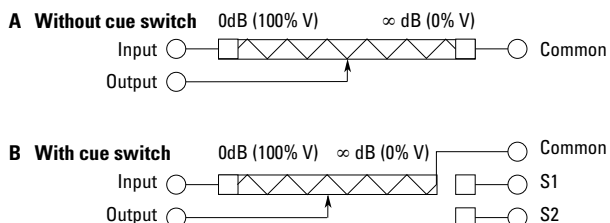
### Output law characteristics

Maximum insertion loss 0.5dB. Insulation resistance 100M $\Omega$  at 500Vd.c.

Taper	Accuracy	Matching accuracy (relative to track 1)	Cut off/maximum end volts
Log audio	$\pm 2.0\text{dB}$ (0-60dB)	$\pm 1.0\text{dB}$ (0-60dB)	90dB
Linear	$\pm 1\%$	$\pm 1\%$	0.1%

**Test conditions:** • wiper load 100k $\Omega$  log only • element resistance 10k $\Omega$   
• frequency for cut-off 15kHz • frequency for law accuracy 1kHz.

### Circuit diagrams/Terminations



**Note:** Switch options only available on faders with a maximum of four channels

### TO ORDER OR OBTAIN A QUOTATION Please contact your nearest sales office and advise:

The series number and description, number of channels, resistance, output law and switch or no switch.

**For example:** • RF15 rotary fader • two channels • 10k $\Omega$  resistance • log law Penny+Giles would code this fader as:

Fader type **RF15** / **2** / **D** / **A** / **-**

series channels resistance law switches