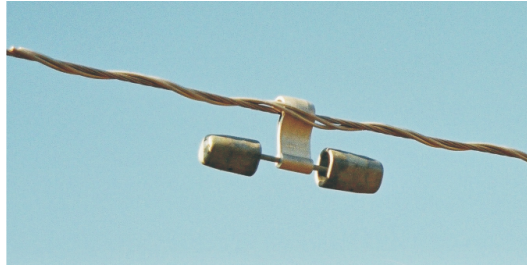


FIBRELIGN® Multi-Response Damper



Application: The FIBRELIGN® Multi Response Damper is specifically designed for use on ADSS and OPGW and on small diameter aluminium-based power conductors, to control wind induced aeolian vibration, particularly where the fibre optic cable is installed in high voltage environment, typically at 150kV and above.

Construction: In order to avoid the potentially damaging clamping stresses imposed by bolted clamps, the Multi Response Damper is installed using a neoprene lined 'hook' clamp which is mounted to the cable or conductor and secured using two PREFORMED™ helical rods.

Two unequal cast zinc weights are attached to a 19 strand galvanised steel messenger cable with aluminium collets, ensuring high pull-off loads and long term security of location. The messenger wire is manufactured using well established factory forming techniques, ensuring consistency of properties and performance. The asymmetrical configuration of the FIBRELIGN® MRD ensures high damping performance over the aeolian vibration frequency range experienced by cable or conductor.

The FIBRELIGN® MRD is designed for use with FIBRELIGN® Termination and Suspension fittings.

Ordering: To ensure that the correct size damper is supplied please supply cable type and diameter. If required, PLP can supply a positioning guide. Details required are: Cable construction including diameter, mass per unit length, span length, and everyday tension.

CATALOGUE NO.	COND./CABLE OD mm
MRD 390/413	10.0 to 10.5
MHD 552/590	14.0 to 15.0
MRSD 5319140	16.0 to 20.0