



BCW
Bowden Casing and Wire

Application and Design

BCW consists of .054" Ø stainless steel inner control wire with a tensile strength of at least 200,000 lbs. that is encapsulated in 1/16" flexible galvanized spiral wire sheath. Stainless steel sheath is an option. BCW can be ordered from the factory cut to length, but when distance between the damper and the location of the controller is uncertain, you can order it in bulk lengths and cut it in the field. Standard bulk length is 50', but 100' lengths can be special ordered. Cable runs should not exceed 50'.

Longer runs create more friction between the inner wire and the casing. Runs should be secured at least every five feet (5 ft) and bend radii need to be very gentle and smooth.



***BCW photographed is 50' bulk length*

.054" Stainless Steel Spring Wire

1/16" Galvanized Steel Wire wrapped into 0.20" OD Casing



STANDARD CONSTRUCTION	
Inner Wire Diameter	.054" Stainless Steel
Inner Wire Tinsile Strength	200,000+ lbs
Galvanized Casing Diameter	1/16" wire wrapped into 0.2" casing
Recommended Bend Radius	3'
Maximum Operational Length	50'

OPTIONS
Stainless Steel Casing
Custom Lengths (up to 50')
Bulk Lengths (50'/100')

Quantity	Option	Notes

PROJECT	LOCATION
CONTRACTOR	DESIGN SPECIFIER