

Data Sheet: Ellis Patents CENTAUR Cable Saddle

Centaur Cable Saddles are recommended to support large diameter HV cables that are typically used in electrical power transmission systems from 69kV to 400kV. The Centaur Cable Saddle has been independently short circuit tested according to IEC61914:2009 at $63kA_{RMS}$ / $163kA_{PEAK}$ for 1 second. Manufactured in extruded aluminum with stainless steel hardware and a hinged aluminum over-strap, Centaur Cable Saddles incorporate an integral low smoke and fume, zero halogen liner to protect and cushion cables during short circuit conditions. The unique patented design includes flared ends, isolation washers between the aluminum frame and stainless steel hardware and an integral mounting bracket that can pivot horizontally, vertically or both. Observations of cable movement during short circuit tests indicate the Cable Saddle should pivot in both directions. An optional cable roller system is available.



Part No	Cable Range (mm)		Length (mm)
	Min Dia	Max Dia	
CS100-112/400	100	112	400
CS108-122/400	108	122	400
CS120-132/400	120	132	400
CS128-142/400	128	142	400
CS140-152/400	140	152	400
CS148-162/400	148	162	400
CS100-112/600	100	112	600
CS108-122/600	108	122	600
CS120-132/600	120	132	600
CS128-142/600	128	142	600
CS140-152/600	140	152	600
CS148-162/600	148	162	600
CS100-112/800	100	112	800
CS108-122/800	108	122	800
CS120-132/800	120	132	800
CS128-142/800	128	142	800
CS140-152/800	140	152	800
CS148-162/800	148	162	800