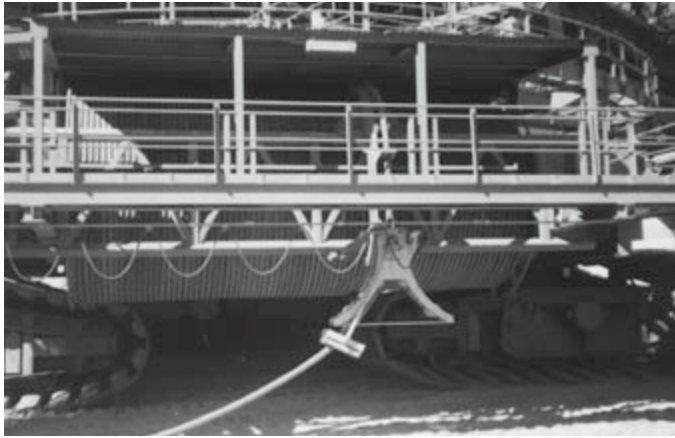


High Voltage Reeling and Trailing Cables



APPLICATION

PROTOLON reeling and trailing cables are available in various types of constructions are specifically designed to withstand the forces of reeling and forced guidance systems on today's mobile equipment.

A range of designs are available to suit all applications including stackers, reclaimers, shiploders, cranes, shovels, dredges, electric drills and draglines.

DESIGN

Protolon cables are suitable for voltages 0.6/1kV to 33/33kV and are in accordance with the Australian Mining Standard AS 2802.

A complete catalogue on Siemens Protolon is available detailing all constructions, their application and design.

	Reeler without guides	Reeler with roller guides	Reeler with plane angle deflection	Trailing and draglines	Fixed Installation	Festoon Systems
PROTOLON	M	M	+	-	M	M
PROTOLON (SM)-R	+	M	M	-	-	+
PROTOLON (SB)	-	-	-	M	+	-
PROTOLON (SM)	+	M	M	-	-	+
PROTOLON FLAT	-	M	-	-	-	M

M	+	-
Main field of application	Suitable	Not designed for this application



PROTOLON (N) for stackers and reclaimers, shiploaders, tripper cars, stockpilers and festoons for medium mechanical stresses.



PROTOLON (SM) for high speed,tensile stress applications characterised by dynamic load peaks eg., braided screen high mount container cranes, hoisting equipment, mining machines.



PROTOLON (SM-R) incorporating integrated fibre optics for high speed, high volume data transfer, voice video and digital drive control. This eliminates the need for a separate control reeler.



PROTOLON Single Core designed for voltages up to 22kV for power supply interconnections, transformer drop cable, mobile sustations, over head service line connections and H.V switchboards.



PROTOLON (SB) dragline cable with extra heavy duty sheath and copper wire core screens to withstand the aggressive operating conditions of open cut mining.