



Description Outer drum encoders - Service cable  
 Quantity 1  
 Length 60 feet  
 material Belden 9509 (9 pr. 24 AWG)  
 conn#1 PT06SE14-18S (SR)  
 conn#2 PT06SE14-18P (SR)

Conn#1	Conn#2	Pair	wire	Signal name
A	A	black & red	red	ROT_MTR_ENC_I+
B	B	black & red	black	ROT_MTR_ENC_I-
C	C	black & white	white	ROT_MTR_ENC_A+
D	D	black & white	black	ROT_MTR_ENC_A-
E	E	black & green	green	ROT_MTR_ENC_B+
F	F	black & green	black	ROT_MTR_ENC_B-
G	G	black & blue	blue	ROT_MTR_ENC_5VDC
H	H	black & blue	black	ROT_MTR_ENC_RTN
J	J	black & yellow	yellow	ROT_DRM_ENC_I+
K	K	black & yellow	black	ROT_DRM_ENC_I-
L	L	black & brown	brown	ROT_DRM_ENC_A+
M	M	black & brown	black	ROT_DRM_ENC_A-
N	N	black & orange	orange	ROT_DRM_ENC_B+
P	P	black & orange	black	ROT_DRM_ENC_B-
R	R	red & white	white	ROT_DRM_ENC_5VDC
S	S	red & white	red	ROT_DRM_ENC_RTN
T	T	red & green	green	TCBL_ROT_ENC
U	U	red & green	red	DGND
shell	shell		Shield	Shield/chasis ground

	UC OBSERVATORIES		K1DM3	KECK 1 DEPLOYABLE TERTIARY MIRROR			
	DRAWN: SANDFORD			LW0200 external cabling			
	ENGR: SANDFORD		Rotation encoders cable - service				
	872-LW0200-ExternalCabling.PrjPcb		872-LW0211-RotationEncodersService_r00.SchDpc		872-LW0211	REV 00	A