

GT5 Cable assembly Brochure

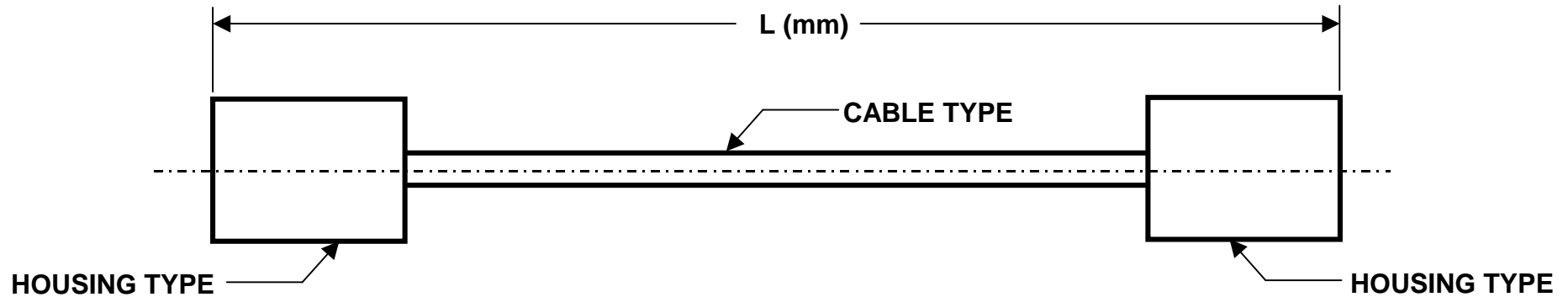
HRS ELECTRIC USA Inc.



ORDERING INFORMATION

HRUS-Engineering 8/22/2002
Rev.A

GT5 CABLE ASSEMBLY, DOUBLE ENDED



P/No. EXPLANATION

HRUS0279 - XXX - XX - XX (X) - XXX

BASIC No.

0279: GT5 CABLE ASSY, DOUBLE ENDED

CABLE TYPE

58- RG-58/U (ANDREW P/No.910046A000)
(REF.BELDEN P/No.YR43743)
174- RG-174/U (BELDEN P/No.8216)
316- RG-316/U (BELDEN P/No.83284)

CONNECTOR TYPE

M - MALE(RECEPTACLE) ON BOTH ENDS
F - FEMALE(PLUG) ON BOTH ENDS
MF- MALE(RECEPTACLE) ON ONE END
FEMALE(PLUG) ON THE OTHER END

HOUSING TYPE (SEE ATTACHED)

1 - GT5-1PP-HU (M CONNECTOR)
2 - GT5-1S-HU (F CONNECTOR)

CABLE LEGTH

L (mm)

POLARIZING CODING (SEE ATTACHED)

A
B
C
D
E
BLANK- HIROSE SPECIFIC

TOLERANCE TABLE

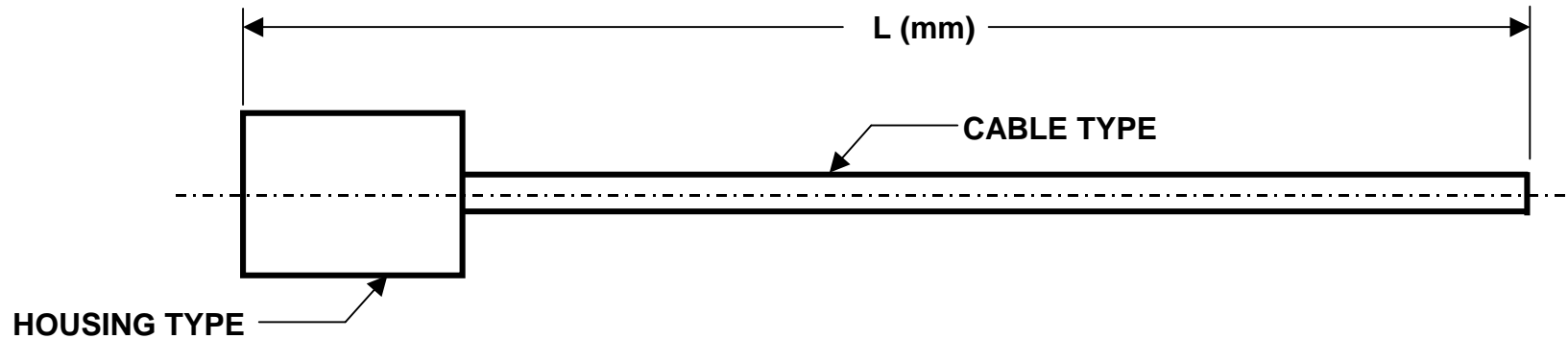
L (mm)	TOLERANCE
UP TO 200	± 4mm
201 ~ 500	± 6mm
501 & UP	± 3%



ORDERING INFORMATION

HRUS-Engineering 8/22/2002
Rev.A

GT5 CABLE ASSEMBLY, SINGLE ENDED



P/No. EXPLANATION

HRUS0280 - XXX - XX - XX (X) - XXX

BASIC No.

0280: GT5 CABLE ASSY, SINGLE ENDED

CABLE TYPE

58- RG-58/U (ANDREW P/No.910046A000)
(REF. BELDEN P/No.YR43743)
174- RG-174/U (BELDEN P/No.8216)
316- RG-316/U (BELDEN P/No.83284)

CONNECTOR TYPE

M - MALE(RECEPTACLE) ON BOTH ENDS
F - FEMALE(PLUG) ON BOTH ENDS

HOUSING TYPE (SEE ATTACHED)

1 - GT5-1PP-HU (M CONNECTOR)
2 - GT5-1S-HU (F CONNECTOR)

CABLE LEGTH

L (mm)

POLARIZING CODING (SEE ATTACHED)













A
B
C
D
E
BLANK- HIROSE SPECIFIC

TOLERANCE TABLE

L (mm)	TOLERANCE
UP TO 200	± 4mm
201 ~ 500	± 6mm
501 & UP	± 3%



POLARIZING CODING

CODING	COLOR	APPLICATION	M CONNECTOR	F CONNECTOR
A	NUT BROWN	TV VHF		
B	LEAF GREEN	TV UHF		
C	SIGNAL BLUE	GPS		
D	CLARET VIOLET	CELLULAR PHONE		
E	HEATHER VIOLET	GPS NAVIGATION ONLY		
HIROSE SPECIFIC	LIGHT GRAY	CUSTOM or ALL OF THE ABOVE		

CONNECTOR / HOUSING TYPES

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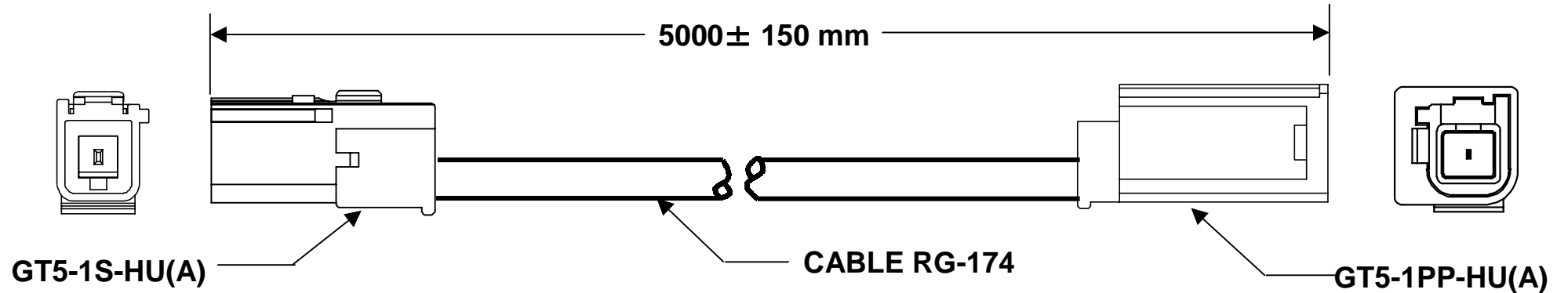
POLARIZING CODING						
	A	B	C	D	E	HIROSE SPECIFIC
COLOR	NUT BROWN	LEAF GREEN	SIGNAL BLUE	CLARET VIOLET	HEATHER VIOLET	LIGHT GRAY
M CONNECTOR HOUSING	GT5-1PP-HU(A) 	GT5-1PP-HU(B) 	GT5-1PP-HU(C) 	GT5-1PP-HU(D) 	GT5-1PP-HU(E) 	GT5-1PP-HU 
F CONNECTOR HOUSING	GT5-1S-HU(A) 	GT5-1S-HU(B) 	GT5-1S-HU(C) 	GT5-1S-HU(D) 	GT5-1S-HU(E) 	GT5-1S-HU 
M CONNECTOR BOARD TYPE	GT5-1P-DS(A) 	GT5-1P-DS(B) 	GT5-1P-DS(C) 	GT5-1P-DS(D) 	GT5-1P-DS(E) 	GT5-1P-DS 



P/No Examples

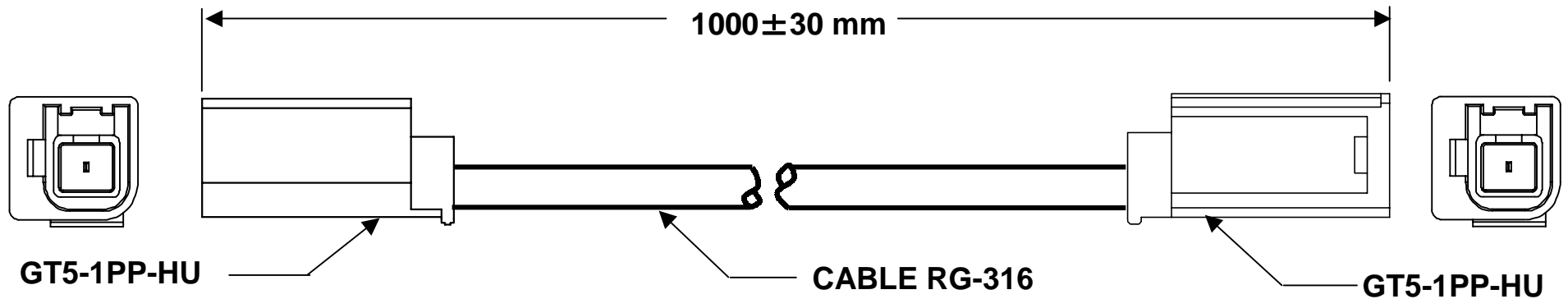
EXAMPLE 1

HRUS0279-174-MF-12(A)-5000



EXAMPLE 2

HRUS0279-316-M-1-1000



HRS standard cable specification



RG316/U BELDEN 83284 Coax - MIL-C-17G QPL Cable

RG Type	AWG	Stranding	Type	Insulation	Insulation Thickness (in.)	Shield	
316/U	26	(7x.0067)	SPCCS - Silver Plated Copper Covered Steel	TFE - Tetrafluoroethylene	.01900	Braid	
Jacket	Jacket Thickness (in.)	Nom. Core OD (in.)	Nom. OD (in.)	Nom. Conductor DCR (Ohms/M')	Nom. Imp. (Ohms)	Nom. Vel. Of Prop. (%)	Nom. Cap. (pF/ft)
FEP - Fluorinated Ethylene Propylene	.0100	.0580	.0980	84.100	50.0	69.5	29.000



RG174/U BELDEN 8216 Coax – 50 Ohm Transmission and Computer Cable

RG Type	AWG	Stranding	Type	Insulation	Insulation Thickness (in.)	Shield	
174/U	26	(7x34)	BCCS – Bare Copper Covered Steel	PE - Polyethylene	.02100	Tinned Copper Braid Shield	
Jacket	Jacket Thickness (in.)	Nom. Core OD (in.)	Nom. OD (in.)	Nom. Conductor DCR (Ohms/M')	Nom. Imp. (Ohms)	Nom. Vel. Of Prop. (%)	Nom. Cap. (pF/ft)
PVC – Polyvinyl Chloride	.0165	.0600	.1100	97.000	50.0	60.0	30.800

HRS standard cable specification

RG58/U ANDREW 910046A000



(REF.BELDEN YR43743) Coax – 50 Ohm Cable for PCN Usage (2GHz)

RG Type	AWG	Stranding	Type	Insulation	Insulation Thickness (in.)	Shield	
58/U	18	Solid	BC – Bare Copper	Foam PE - Foam Polyethylene	(.0370)	Aluminum Foil- Polyester Tape- Aluminum Foil/ Braid Shield	
Jacket	Jacket Thickness (in.)	Nom. Core OD (in.)	Nom. OD (in.)	Nom. Conductor DCR (Ohms/M')	Nom. Imp. (Ohms)	Nom. Vel. Of Prop. (%)	Nom. Cap. (pF/ft)
PVC – Polyvinyl Chloride	(.0280)	.1140	.1950	6.400	50.0	78.0	25.500