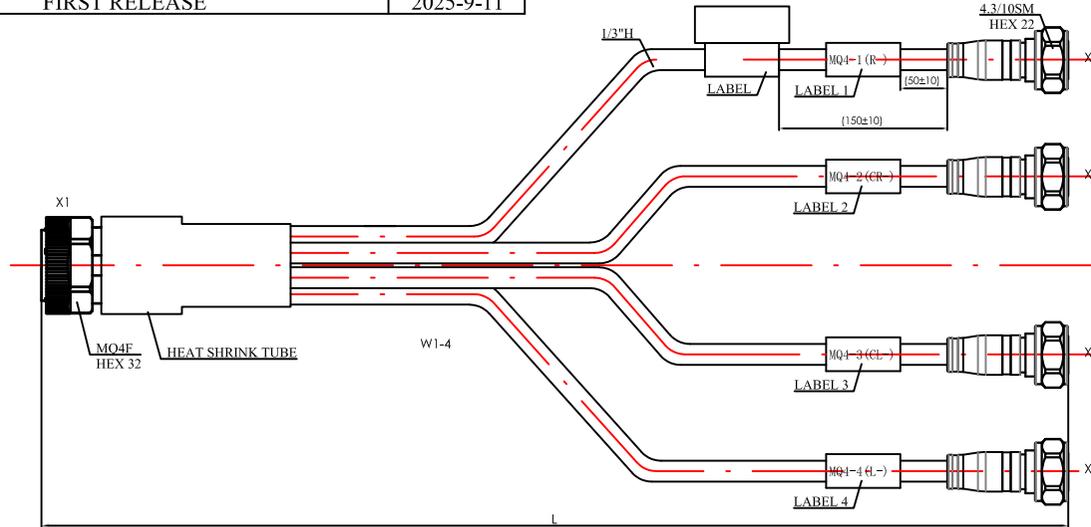


REVISIONS

VER	REV	DESCRIPTION	DATE
1	0	FIRST RELEASE	2025-9-11



WIRE	START PT	END PT	Label Con.
W1	X1. 1	X2	MQ4-1 (R-)
W2	X1. 2	X3	MQ4-2 (CR-)
W3	X1. 3	X4	MQ4-3 (CL-)
W4	X1. 4	X5	MQ4-4 (L-)

REFERENCE STANDARD

1.ELECTRIC PERFORMANCE
 NOMINAL IMPEDANCE (Ω)
 FREQUENCY RANGE
 RETURN LOSS(dB)

PIM(2*20W)(dBc)
 INSERT LOSS (dB)

INSULATION RESISTANCE(MΩ)
 PROOF VOLTAGE (V)
 SCREEN EFFICIENCY (dB)
 POWER RATING (W)

2.MECHANICAL PERFORMANCE

NUT TORQUE
 TORSION(CABLE-CONNECT)
 TENSILE FORCE(CABLE-CONNECT)
 MINIMUM BEND RADIUS,REPEATED BEND
 MINIMUM BEND RADIUS,SINGLE BEND

3.MATERIAL AND PLATING

OUTER CONDUCTOR	BRASS	Tin-nickel alloy 3μm(MQ4F)
	BRASS	Copper-tin-zinc 3μm(4.3/10SM)
INNER CONDUCTOR	SPRING COPPER	Ag 3μm(MQ4F)
	BRASS	Ag 3μm(4.3/10SM)
NUT	BRASS	Tin-nickel alloy 3μm(MQ4F)
	BRASS	Ni 3μm(4.3/10SM)
CABLE	1/3" SUPERFLEXIBLE CABLE	

IEC61169-54(4.3/10)

50
 DC-6GHz
 ≤ -22 (DC-3GHz)
 ≤ -20 (3-4.2GHz)
 ≤ -18 (4.2-6GHz)
 ≤ -155
 $\leq 0.2487 * L(m) + 0.2$ (3GHz)
 $\leq 0.302 * L(m) + 0.2$ (4.2GHz)
 $\leq 0.3717 * L(m) + 0.24$ (6GHz)
 ≥ 5000
 1000
 ≥ 110
 210W@6GHz

4.ENVIRONMENT

TEMP.RANGE
 THERMAL SHOCK
 VIBRATION
 SHOCK
 WEATHER STANDARD
 WATERPROOFING STANDARD
 SALT SPRAY
 ROHS COMPLIANT

5.NOTICE

L:Jumper length.
 Customized by customer

-40℃~+85℃
 IEC60068-2-14-Na
 IEC60068-2-6-Fc
 IEC60068-2-27
 IEC 68 40 /85/ 21
 IP67
 240H

DRAWN WangYing 2025.09.15 11:26:52 +08'00'	TITLE(028) MQ4F-4.3/10SM 1/3"H		 AMPHENOL FUYANG CO.,LTD CHANGZHOU, CHINA	
CHECKED yuying 2025.09.15 11:35:18 +08'00'	DRAWING NO. AFS-K1291-2	VER 1		
APPROVED ChenHuaJing 2025.09.15 13:18:09 +08'00'	SHEET 1/1	METERIC mm	PART NO. AFK1291-2-L	