

mini_Fieldhub-quad-xDOM Test Cables

PSP-Element: C.74.02.02.01.9930441325 (Field Hub)

mini_Fieldhub to Quad-cable-adapter, Length: ~1.5m, 1 x

cable type: 4 wire, 2 x twisted pair

Pin	DSUB-9 male	DSUB-9 female	Signal	remark
2	beige	beige	WP1_N	solder cup or crimp, use good strain relief at the connector shells !!! twisted pair, 100 ohm impedance, beige = WPx_N
3	color_1	color_1	WP1_P	
4	beige	beige	WP0_N	
5	color_2	color_2	WP0_P	
6	___ connect			
1	___			

quad cable or filter box to mDOT, Length: ~1.5m + 1m + 1m +1m, 1 x

cable type: 4 wire, 2 x twisted pair

Quad-cable-adapter side	mDOT cable, crimp socket				Signal	remark
DSUB-9 male + shell	2 x 4 x M80-8891005					M80-8891005, see mDOT parts, #151
2	2	2	2	2	WP1_N	twisted pair, 100 ohm impedance, beige = WP1_N
3	1	1	1	1	WP1_P	
4	2	2	2	2	WP0_N	twisted pair, 100 ohm impedance, beige = WP0_N
5	1	1	1	1	WP0_P	

alternative: quad cable or filter box to mDOT, Length: ~1.5m + 1m + 1m +1m, 1 x

cable type: 4 wire, 2 x twisted pair

Quad-cable-adapter side	mDOT cable, crimp socket				Signal	remark
DSUB-9 male + shell	2 x 4 x HARWIN M20-1060200					HARWIN M20-1060200 note the pin_1 marker !
2	1	1	1	1	WP1_N	twisted pair, 100 ohm impedance, beige = WP1_N
3	2	2	2	2	WP1_P	
4	1	1	1	1	WP0_N	twisted pair, 100 ohm impedance, beige = WP0_N
5	2	2	2	2	WP0_P	