

Master Comparison Chart of Air Distribution & Communication Products

	Multi-station Combined Air/Communications™ Header	Air Header Installation Wiring Assembly	Combined Air/Communication Header™ Connector - Metal	Combined Air/Communication Hose™	Breathing Air Supply Hose (Air Only)	2ft Whips	Header Lock	Air/Communication Assembly (ACA)	Air Only Distribution Assembly (ADA)	Air Distribution Interface (Bobbin)	Glove Rings (Small)	Glove Rings (Large)	Cooling Air Harness (CAH-02)	Ram's Horn Air Supply	Quick Disconnect ACA
Air Fitting Style (Suit Fittings)	4 x Hansen® 2RL	N/A	Female Hansen® 2RL	Hansen® 2RL (M to F)	Hansen® 2RL (M to F)	Hansen® 2RL (M to F)	Wraps around Combined Air/Communication Hose	Male Hansen® 2RL	Male Hansen® 2RL	3/8" -18 NPSF	N/A	N/A	Male Hansen® 2RL	Male Hansen® 2RL	Male Hansen® 2RL
Air Pressure, Working	125psi	N/A	125psi	125psi	125psi	125psi	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Electrical Connector	Cannon® XLR	Male Amphenol	Canon® XLR 3	Female Canon® XLR 3	N/A	Canon® XLR 3	N/A	Canon® XLR 3	N/A	N/A	N/A	N/A	Canon® XLR 3	N/A	Canon® XLR 3
Air Connection Fitting (Termination)	3/8" NPT	N/A	3/8" NPT	Internal	Internal	Internal	N/A	3/8" MET	3/8"MET	3/8" dual output hose barbs to plastic suit air distribution channel	N/A	N/A	N/A	N/A	N/A
Air Flow@ 75psi	>13.2 L/sec (28 SCFM)	N/A	>13.2 L/sec (28 SCFM)	>13.2 L/sec (28 SCFM)	>13.2 L/sec (28 SCFM)	>13.2 L/sec (28 SCFM)	N/A	13.2 L/sec (28 SCFM)	13.2 L/sec (28 SCFM)	N/A	N/A	N/A	13.2 L/sec (28 SCFM)	3.0-3.5L/s @72.5psig (500kPa)	>13.2 L/sec (28 SCFM)
Air Connector Material	Hardened Stainless Steel	N/A	Aluminum/ Steel	Hardened Steel & Brass	Hardened Steel & Brass	Hardened Steel & Brass	N/A	Hardened Steel	Hardened Steel	Stainless Steel	N/A	N/A	Hardened Steel & Brass	Hardened Steel & Brass	Hardened Stainless Steel
Housing Material	Aluminum	N/A	Aluminum	Nylon	Nylon	Nylon	ABS	Nylon	Nylon	N/A	N/A	N/A	PVC on Nylon Scrim	PVC on Nylon Scrim	Nylon
Core Tube Material (Hose Only)	N/A	N/A	N/A	FDA Food Grade Approved, TP	FDA Food Grade Approved	FDA Food Grade Approved	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Air Fitting Termination Material	Brass	N/A	Brass	Brass	Internal	Internal	N/A	Brass	Brass	Stainless Steel	N/A	N/A	N/A	N/A	Internal
Other Material (Key Parts Only)	Box: Steel	Body: Aluminium	N/A	Jacket: Polyurethane	Jacket: Polyurethane	Jacket: Polyurethane	Tie: Nylon	Jacket: Polyurethane	Jacket: Polyurethane	Body: LDPE	Body: LDPE	Body: LDPE	Attachment: Elasticized Straps	Belt: Neoprene	Body: Polyurethane
Colour	Grey – Epoxy powder coat	N/A	N/A	Red	Green	Red	Blue with orange tie	Red	Blue	White	White	White	Yellow	Green	Red
Outer Diameter	N/A	18.8mm (0.75")	N/A	--	--	--	N/A	N/A	26mm	89mm (3.5")	99mm (3.9")	124.46mm (4.9")	N/A	N/A	N/A
Inner Diameter	N/A	N/A	N/A	9.5mm (3/8")	9.5mm (3/8")	9.5mm (3/8")	N/A	3/8"	3/8"	N/A	87mm (3.4")	109.22mm (4.3")	N/A	N/A	N/A
Length	N/A	2m (6.6ft) approx	N/A	Standard lengths: 7.6m, 15m, 30m	Standard lengths: 7.6m, 15m, 30m	0.6m (2ft)	N/A	165mm	173mm	N/A	N/A	N/A	N/A	N/A	5" Mated and 18" wire
Weight	--	--	110g (3.9oz)	3.85kg (8.5lbs) per 15.2m (50ft) [with connectors]	2.95kg (6.5lbs) per 15.2m (50ft) [with connectors]	0.57kg (1.25lbs)	N/A	242g (8.53oz)	159g (5.6oz)	126g (4.4oz)	N/A	N/A	1.13kg (2.5lbs)	0.91kg (2lbs)	--
Design pressure	N/A	N/A	125psig	125psig	125psig	125psig	N/A	N/A	N/A	N/A	N/A	N/A	70 psig	N/A	N/A
Number of Conductors	3 per Connector	12 Prewired Conductors	3	3	0	3	N/A	3	0	N/A	N/A	N/A	3 per Option	3 per Option	3
No. of connector pins	3 per Connector	12 of 35	3	3	0	3	N/A	3	0	N/A	N/A	N/A	3 per Option	3 per Option	3
Release Lever	Steel plated	N/A	Steel plated	Nylon	Nylon	Nylon	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Release Ring: Steel plated
Release Spring	Spring Steel	N/A	Spring Steel	Spring Steel	Spring Steel	Spring Steel	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Quick Disconnect ACA

Specifications subject to change without prior notice.
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