Networking ❯ High-Speed Landscape

Unshielded Solutions   **Multi-Gigabit Shielded Solutions**

CABLE TYPE

STP
(Shielded Twisted Pair)

STP/UTP
(Shielded Twisted Pair/Unshielded Twisted Pair)

COAX

HSAL1
In-Vehicle Databus, Displays, Camera

HSAL2
In-Vehicle Databus, Displays, GPS, Camera

HSAL2 Hybrid / Mini50
Ethernet

HSAL2 Hybrid / Mini50
LVDS

HFM
Sensors, Camera, Radar, Lidar, Navigation, Radio, Internet GPS, Antenna

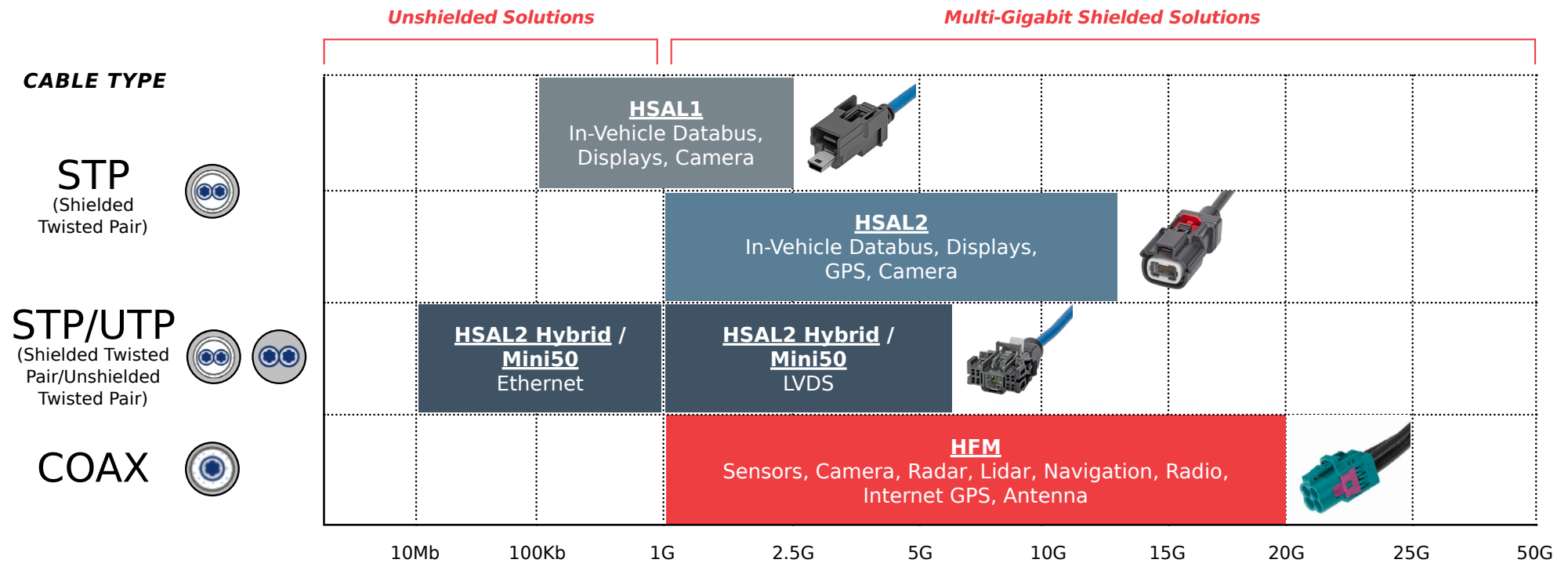| 10Mb	100Kb	1G	2.5G	5G	10G	15G	20G	25G	50G

PRODUCT	# PAIRS/COAX	SIGNALING PROTOCOL
HSAL1	1-2 pairs	USB, LVDS, A2B, Low Speed Ethernet
HSAL2	1-4 pairs	USB3.0, LVDS, Multi-Gigabit Ethernet
HSAL2 Hybrid / Mini50	1 pair	Mixed: LVDS, Ethernet, USB2.0, BroadR-Reach
HFM	1-4 coax	LVDS, Ethernet

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www.molex.com/highspeednetworking