

HCM Industrial Ethernet Selection Guide

Part number	No. Of Pairs	Wire Gauge	Conductor Type	Inner Belt	Shield Construction	Jacket Type	Overall Diameter	Performance Category	UL/CSA Type	Voltage Rating	Temperature Class	Flex Type	Oil & Solvent Resistance	Application Specific
41134-8	4	24	Solid/ BC		None	PVC	0.230	Cat 5e	CMR /CMX-OUTDOOR	300v	75c	Static	Moderate	Outdoor
41105-4	2	24	7/32 BC	PVC	AM+BS	PVC	0.300	Cat 5e	CMR	300v	75c	Average	Moderate	indoor/outdoor
41106-4	2	24	7/32 BC	PVC	None	PVC	0.250	Cat 5e	CMR	300v	75c	Average	moderate	indoor/outdoor
41289-8	4	24	7/32 TC	PVC	ama+bs	PVC	0.310	Cat 5e	CMR	300v	75c	Average	moderate	outdoor
41092-8	4	24	7/32 TC		None	PVC	0.235	Cat 5e	CMR/AWM	300v/600V	75c	Average	light	indoor/outdoor
41093-8	4	24	7/32 TC		AM/Dr	PVC	0.250	Cat 5e	CMR/AWM	300v/600V	75c	Average	light	indoor/outdoor
41219-8	4	22	7/30 TC		AM/Dr	PVC	0.325	Cat 5e	PLTC/CMR/CMX/AWM	600v	75c	Average	moderate	Outdoor
41254-8	4	24	7/32 TC		None	TPE	0.245	Cat 6	CM	300v	105c	Moderate	light	Abrasion Resistant
41060-8	4	24	7/32 TC	PVC	AM+BS	PVC	0.300	Cat 5e	CMR	300v	75c	Average	moderate	indoor/outdoor
41017-8	4	24	19/36 BC	TPE	None	LSHF TPU	0.300	5e Modified Insertion Loss	20233	300v	80c	Heavy	Moderate	Rugged & Moisture Resistant
41016-8	4	24	19/36 BC	TPE	38 BS	LSHF TPU	0.340	5e Modified Insertion Loss	20233	300v	80c	Heavy	Moderate	Rugged & Moisture Resistant
41112-8	4	26	30/40 TC		38 BS	TPU	0.300	5e	20233	300v	80c	Heavy	Moderate	Indoor/Outdoor
41282-8	4	24	19/36 BC	TPE	AM+ 36 BS	TPU	0.340	5e Modified Insertion Loss	20233	300v	80c	Heavy	Moderate	Indoor/Outdoor
41249-8	4	24	19/36 BC	TPE	None	LSZH TPU	0.300	5e Modified Insertion Loss	20233	300v	80c	Heavy	Moderate	Indoor/Outdoor Zero Halogen
40627-8	4	24	7/32 SPC		AM+SPC BS	FEP	0.270	Cat 6	None		200c	Average	Heavy	Aviation
41198-8	4	26	solid BC		AMS+TC	PVC	0.240	Cat 7	CMP	300v	75c	Static	light	Indoor/Security/Camera/Machine Vision
41242-50	25	24	Solid BC		Steel braid	PVC	0.600	Cat 5e	None	300v	75c	Static	light	Outdoor
41241-50	25	24	Solid BC		Steel braid	LSZH TPU	0.600	Cat 5e	None	300v	80c	Static	Moderate	Outdoor/Moisture Resistant
41222-8	4	24	Solid BC		my+dw+ami	PVC	0.265	Cat 5e	CMX-CMR	300v	75c	Static	Moderate	Outdoor
41239-8	4	23	Solid/ BC		None	PVC	0.270	Cat 6	CMX-CMR	300v	75c	Static	Moderate	Outdoor
41231-8	4	26	19/38TC		spiral	pvc	0.240	Cat 5e	20276	30v	80c	Heavy	light	Indoor/C-Track, Self Supporting
41206-8	4	28	19/40TC		None	PVC	0.180	Cat 5e	20276	30V	80c	Average	light	Indoor/Mini Ethernet