

Technical Data Sheet

Aquaseal® Communication Cables



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PART NUMBER:	AQC358
DESCRIPTION:	20/3 Stranded bare copper conductor, unshielded/shielded, with an Aquaseal tape and overall jacket.
NEC RATING:	CM or CL3, NEC Article 800 and 725
APPROVALS:	(UL) C(UL) Listed, (ETL)us Listed
APPLICATION:	Materials suitable for outdoor use, and indoor trays, allows a variety of uses for (Intercom, Security, Sound, Audio, Background music)

Construction Parameters:

Conductor	20 AWG Bare Copper
Stranding	7x28
Insulation Material	PVC
Insulation Thickness	0.010" Nom.
Number of Conductors (2 Shielded)(1 Unshielded)	3
Shield	100% Aluminum Polyester Foil
Drain	Stranded Tinned Copper
Water-Blocking Tape	Internal and Overall 2 ply water swellable tape
Jacket Material	Sunlight/Moisture Resistance PVC
Jacket Thickness	0.025" Nom.
Overall Cable Diameter	0.260" Nom.
Approximate Cable Weight	24 Lbs/1M' Nom.
Flame Rating	UL 1685 Vertical Tray

Electrical & Environmental Properties:

Temperature Rating	-20deg C to 60deg C
Operating Voltage	300 V RMS
Max.Capacitance Between Conductors @ 1 KHz	60 pf/ft Nom.
Capacitance Between Conductors to Shield @ 1 KHz	108 pf/ft Nom.
DC Resistance per Conductor @ 20deg C	10.5 Ohms/1M' Nom.
Insulation Colors	Shielded Pair: Black, Red Unshielded: Green and White
Jacket Color	Gray
RoHS Compliant	--
TIA455-82B Water Infiltration Test Compliant	Yes
UL 444 & 13 Compliant	Yes

Mechanical Properties:

Max. Recommended Pull Tension	51 lbs.
Min. Bend Radius (Install)	2.6"

Specification Issue Date: 7/06

Standard Lengths are 1000ft.
 The Jacket is sequentially footmarked.
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